

UPPER PETROGLYPHS  
EXISTING & PROJECTED TURNING MOVEMENTS

INTERSECTION: ATRISCO VISTA AND CENTRAL

AM Peak Hour

|                         | Southbound<br>ATRISCO VISTA |      |       | Westbound<br>CENTRAL |      |       | Northbound<br>ATRISCO VISTA |      |       | Eastbound<br>CENTRAL |      |       |
|-------------------------|-----------------------------|------|-------|----------------------|------|-------|-----------------------------|------|-------|----------------------|------|-------|
|                         | Left                        | Thru | Right | Left                 | Thru | Right | Left                        | Thru | Right | Left                 | Thru | Right |
| Existing Volumes (2017) | 116                         | 151  | 69    | 27                   | 35   | 182   | 18                          | 227  | 105   | 67                   | 18   | 8     |
| Background Growth       | 12                          | 15   | 7     | 3                    | 4    | 18    | 2                           | 23   | 11    | 7                    | 2    | 1     |
| FedEx                   |                             |      |       |                      |      | 8     |                             | 6    |       |                      |      |       |
|                         |                             |      |       |                      |      |       |                             |      |       |                      |      |       |
| 2022 No Build           | 128                         | 166  | 76    | 30                   | 39   | 208   | 20                          | 256  | 116   | 74                   | 20   | 9     |
| AA Entering             | 0                           | 0    | 0     | 0                    | 0    | 2     | 0                           | 0    | 0     | 0                    | 0    | 0     |
| AA Exiting              | 4                           | 1    | 0     | 0                    | 0    | 0     | 0                           | 0    | 0     | 0                    | 0    | 0     |
| SFH Entering            | 0                           | 0    | 0     | 0                    | 0    | 6     | 0                           | 1    | 0     | 0                    | 0    | 0     |
| SFH Exiting             | 16                          | 3    | 0     | 0                    | 0    | 0     | 0                           | 0    | 0     | 0                    | 0    | 0     |
| EMP Entering            | 0                           | 0    | 0     | 0                    | 0    | 10    | 0                           | 2    | 0     | 0                    | 0    | 0     |
| EMP Exiting             | 1                           | 0    | 0     | 0                    | 0    | 0     | 0                           | 0    | 0     | 0                    | 0    | 0     |
| 2022 Build              | 150                         | 170  | 76    | 30                   | 39   | 226   | 20                          | 259  | 116   | 74                   | 20   | 9     |
|                         |                             |      |       |                      |      |       |                             |      |       |                      |      |       |
|                         |                             |      |       |                      |      |       |                             |      |       |                      |      |       |
| PHF                     | 0.95                        |      |       | 0.95                 |      |       | 0.95                        |      |       | 0.95                 |      |       |
| HV %                    |                             | 13   |       |                      | 21   |       |                             | 3    |       |                      | 25   |       |

PM Peak Hour

|                         | Southbound<br>ATRISCO VISTA |      |       | Westbound<br>CENTRAL |      |       | Northbound<br>ATRISCO VISTA |      |       | Eastbound<br>CENTRAL |      |       |
|-------------------------|-----------------------------|------|-------|----------------------|------|-------|-----------------------------|------|-------|----------------------|------|-------|
|                         | Left                        | Thru | Right | Left                 | Thru | Right | Left                        | Thru | Right | Left                 | Thru | Right |
| Existing Volumes (2017) | 263                         | 170  | 35    | 85                   | 20   | 254   | 7                           | 141  | 81    | 58                   | 28   | 15    |
| Background Growth       | 26                          | 17   | 4     | 9                    | 2    | 25    | 1                           | 14   | 8     | 6                    | 3    | 2     |
| FedEx                   |                             | 7    | 5     |                      |      | 1     |                             | 2    |       |                      |      |       |
|                         |                             |      |       |                      |      |       |                             |      |       |                      |      |       |
| 2022 No Build           | 289                         | 194  | 44    | 94                   | 22   | 280   | 8                           | 157  | 89    | 64                   | 31   | 17    |
| AA Entering             | 0                           | 0    | 0     | 0                    | 0    | 5     | 0                           | 1    | 0     | 0                    | 0    | 0     |
| AA Exiting              | 3                           | 0    | 0     | 0                    | 0    | 0     | 0                           | 0    | 0     | 0                    | 0    | 0     |
| SFH Entering            | 0                           | 0    | 0     | 0                    | 0    | 19    | 0                           | 3    | 0     | 0                    | 0    | 0     |
| SFH Exiting             | 11                          | 2    | 0     | 0                    | 0    | 0     | 0                           | 0    | 0     | 0                    | 0    | 0     |
| EMP Entering            | 0                           | 0    | 0     | 0                    | 0    | 3     | 0                           | 1    | 0     | 0                    | 0    | 0     |
| EMP Exiting             | 11                          | 3    | 0     | 0                    | 0    | 0     | 0                           | 0    | 0     | 0                    | 0    | 0     |
| 2022 Build              | 314                         | 199  | 44    | 94                   | 22   | 307   | 8                           | 162  | 89    | 64                   | 31   | 17    |
|                         |                             |      |       |                      |      |       |                             |      |       |                      |      |       |
|                         |                             |      |       |                      |      |       |                             |      |       |                      |      |       |
| PHF                     | 0.90                        |      |       | 0.90                 |      |       | 0.90                        |      |       | 0.90                 |      |       |
| HV %                    |                             | 15   |       |                      | 16   |       |                             | 3    |       |                      | 16   |       |

|                           |       |      |      |      |      |       |      |      |      |      |      |      |               |
|---------------------------|-------|------|------|------|------|-------|------|------|------|------|------|------|---------------|
| growth rates              | 2.0%  | 2.0% | 2.0% | 2.0% | 2.0% | 2.0%  | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |               |
| Trip Distribution % Enter |       |      |      |      |      | 9.7%  |      | 1.6% |      |      |      |      | Active Adult  |
| Trip Distribution % Exit  | 9.7%  | 1.6% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |               |
|                           |       |      |      |      |      |       |      |      |      |      |      |      |               |
| Trip Distribution % Enter |       |      |      |      |      | 9.8%  |      | 1.6% |      |      |      |      | Single Family |
| Trip Distribution % Exit  | 9.8%  | 1.6% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |               |
|                           |       |      |      |      |      |       |      |      |      |      |      |      |               |
| Trip Distribution % Enter |       |      |      |      |      | 24.4% |      | 5.6% |      |      |      |      | Employment    |
| Trip Distribution % Exit  | 24.4% | 5.6% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |               |
|                           |       |      |      |      |      |       |      |      |      |      |      |      |               |

**UPPER PETROGLYPHS**  
**EXISTING & PROJECTED TURNING MOVEMENTS**

**INTERSECTION: ATRISCO VISTA AND I-40 EB RAMPS**

AM Peak Hour

| 6:45 to 7:30 AM                        |                             |            |          |                               |          |          |                             |            |            |                              |          |           |
|----------------------------------------|-----------------------------|------------|----------|-------------------------------|----------|----------|-----------------------------|------------|------------|------------------------------|----------|-----------|
|                                        | Southbound<br>ATRISCO VISTA |            |          | Westbound<br>I-40 EB OFF RAMP |          |          | Northbound<br>ATRISCO VISTA |            |            | Eastbound<br>I-40 EB ON RAMP |          |           |
|                                        | Left                        | Thru       | Right    | Left                          | Thru     | Right    | Left                        | Thru       | Right      | Left                         | Thru     | Right     |
| <b>Existing Volumes (2017)</b>         | <b>52</b>                   | <b>279</b> | <b>0</b> | <b>0</b>                      | <b>0</b> | <b>0</b> | <b>0</b>                    | <b>189</b> | <b>290</b> | <b>12</b>                    | <b>1</b> | <b>51</b> |
| Background Growth                      | 5                           | 28         | 0        | 0                             | 0        | 0        | 0                           | 19         | 29         | 1                            | 0        | 5         |
| FedEx                                  | 5                           |            |          |                               |          |          |                             | 17         |            | 2                            |          |           |
|                                        |                             |            |          |                               |          |          |                             |            |            |                              |          |           |
| <b>2022 No Build</b>                   | <b>62</b>                   | <b>307</b> | <b>0</b> | <b>0</b>                      | <b>0</b> | <b>0</b> | <b>0</b>                    | <b>225</b> | <b>319</b> | <b>15</b>                    | <b>1</b> | <b>56</b> |
| <b>Rerouting Atrisco Vista Traffic</b> | <b>-51</b>                  |            |          |                               |          |          |                             |            |            |                              |          |           |
| AA Entering                            | 0                           | 0          | 0        | 0                             | 0        | 0        | 0                           | 3          | 0          | 0                            | 0        | 0         |
| AA Exiting                             | 0                           | 5          | 0        | 0                             | 0        | 0        | 0                           | 0          | 0          | 0                            | 0        | 0         |
| SFH Entering                           | 0                           | 0          | 0        | 0                             | 0        | 0        | 0                           | 6          | 0          | 0                            | 0        | 0         |
| SFH Exiting                            | 0                           | 19         | 0        | 0                             | 0        | 0        | 0                           | 0          | 0          | 0                            | 0        | 0         |
| EMP Entering                           | 0                           | 0          | 0        | 0                             | 0        | 0        | 0                           | 12         | 0          | 0                            | 0        | 0         |
| EMP Exiting                            | 3                           | 2          | 0        | 0                             | 0        | 0        | 0                           | 0          | 0          | 0                            | 0        | 0         |
| <b>2022 Build</b>                      | <b>14</b>                   | <b>333</b> | <b>0</b> | <b>0</b>                      | <b>0</b> | <b>0</b> | <b>0</b>                    | <b>246</b> | <b>319</b> | <b>16</b>                    | <b>1</b> | <b>56</b> |
|                                        |                             |            |          |                               |          |          |                             |            |            |                              |          |           |
|                                        |                             |            |          |                               |          |          |                             |            |            |                              |          |           |
|                                        |                             |            |          |                               |          |          |                             |            |            |                              |          |           |
| <i>PHF</i>                             | 0.95                        |            |          | 0.95                          |          |          | 0.95                        |            |            | 0.95                         |          |           |
| <i>HV %</i>                            | 10                          |            |          | 2                             |          |          | 15                          |            |            | 28                           |          |           |

PM Peak Hour

| 16:30 to 17:15                         |                             |            |          |                               |          |          |                             |            |            |                              |          |            |
|----------------------------------------|-----------------------------|------------|----------|-------------------------------|----------|----------|-----------------------------|------------|------------|------------------------------|----------|------------|
|                                        | Southbound<br>ATRISCO VISTA |            |          | Westbound<br>I-40 EB OFF RAMP |          |          | Northbound<br>ATRISCO VISTA |            |            | Eastbound<br>I-40 EB ON RAMP |          |            |
|                                        | Left                        | Thru       | Right    | Left                          | Thru     | Right    | Left                        | Thru       | Right      | Left                         | Thru     | Right      |
| <b>Existing Volumes (2017)</b>         | <b>149</b>                  | <b>331</b> | <b>0</b> | <b>0</b>                      | <b>0</b> | <b>0</b> | <b>0</b>                    | <b>269</b> | <b>168</b> | <b>57</b>                    | <b>0</b> | <b>125</b> |
| Background Growth                      | 15                          | 33         | 0        | 0                             | 0        | 0        | 0                           | 27         | 17         | 6                            | 0        | 13         |
|                                        | 7                           | 12         |          |                               |          |          |                             | 3          |            | 6                            |          |            |
|                                        |                             |            |          |                               |          |          |                             |            |            |                              |          |            |
| <b>2022 No Build</b>                   | <b>171</b>                  | <b>376</b> | <b>0</b> | <b>0</b>                      | <b>0</b> | <b>0</b> | <b>0</b>                    | <b>299</b> | <b>185</b> | <b>69</b>                    | <b>0</b> | <b>138</b> |
| <b>Rerouting Atrisco Vista Traffic</b> | <b>-24</b>                  |            |          |                               |          |          |                             |            |            |                              |          |            |
| AA Entering                            | 0                           | 0          | 0        | 0                             | 0        | 0        | 0                           | 6          | 0          | 0                            | 0        | 0          |
| AA Exiting                             | 0                           | 4          | 0        | 0                             | 0        | 0        | 0                           | 0          | 0          | 0                            | 0        | 0          |
| SFH Entering                           | 0                           | 0          | 0        | 0                             | 0        | 0        | 0                           | 22         | 0          | 1                            | 0        | 0          |
| SFH Exiting                            | 0                           | 13         | 0        | 0                             | 0        | 0        | 0                           | 0          | 0          | 0                            | 0        | 0          |
| EMP Entering                           | 0                           | 0          | 0        | 0                             | 0        | 0        | 0                           | 4          | 0          | 0                            | 0        | 0          |
| EMP Exiting                            | 19                          | 14         | 0        | 0                             | 0        | 0        | 0                           | 0          | 0          | 0                            | 0        | 0          |
| <b>2022 Build</b>                      | <b>166</b>                  | <b>406</b> | <b>0</b> | <b>0</b>                      | <b>0</b> | <b>0</b> | <b>0</b>                    | <b>330</b> | <b>185</b> | <b>70</b>                    | <b>0</b> | <b>138</b> |
|                                        |                             |            |          |                               |          |          |                             |            |            |                              |          |            |
|                                        |                             |            |          |                               |          |          |                             |            |            |                              |          |            |
|                                        |                             |            |          |                               |          |          |                             |            |            |                              |          |            |
| <i>PHF</i>                             | 0.93                        |            |          | 0.93                          |          |          | 0.93                        |            |            | 0.93                         |          |            |
| <i>HV %</i>                            | 9                           |            |          | 2                             |          |          | 14                          |            |            | 19                           |          |            |

|                           |       |       |      |      |      |      |      |       |      |      |      |      |
|---------------------------|-------|-------|------|------|------|------|------|-------|------|------|------|------|
| growth rates              | 2.0%  | 2.0%  | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0%  | 2.0% | 2.0% | 2.0% | 2.0% |
| Trip Distribution % Enter |       |       |      |      |      |      |      | 11.3% |      | 0.4% |      |      |
| Trip Distribution % Exit  | 0.0%  | 11.3% |      | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% |
|                           |       |       |      |      |      |      |      |       |      |      |      |      |
| Trip Distribution % Enter |       |       |      |      |      |      |      | 11.3% |      | 0.4% |      |      |
| Trip Distribution % Exit  | 0.0%  | 11.3% |      | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% |
|                           |       |       |      |      |      |      |      |       |      |      |      |      |
| Trip Distribution % Enter |       |       |      |      |      |      |      | 30.0% |      | 0.5% |      |      |
| Trip Distribution % Exit  | 42.7% | 30.0% |      | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% |

**UPPER PETROGLYPHS  
EXISTING & PROJECTED TURNING MOVEMENTS**

**INTERSECTION: ATRISCO VISTA AND I-40 WB RAMPS**

AM Peak Hour

|                                        | Southbound<br>ATRISCO VISTA |            |           | Westbound<br>I-40 WB OFF RAMP |           |            | Northbound<br>ATRISCO VISTA |            |          | Eastbound<br>I-40 WB ON RAMP |          |          | 7:45 AM to 8:30 |
|----------------------------------------|-----------------------------|------------|-----------|-------------------------------|-----------|------------|-----------------------------|------------|----------|------------------------------|----------|----------|-----------------|
|                                        | Left                        | Thru       | Right     | Left                          | Thru      | Right      | Left                        | Thru       | Right    | Left                         | Thru     | Right    |                 |
| <b>Existing Volumes (2017)</b>         | <b>0</b>                    | <b>165</b> | <b>32</b> | <b>194</b>                    | <b>1</b>  | <b>107</b> | <b>81</b>                   | <b>124</b> | <b>0</b> | <b>0</b>                     | <b>0</b> | <b>0</b> |                 |
| Background Growth                      | 0                           | 17         | 3         | 19                            | 0         | 11         | 8                           | 12         | 0        | 0                            | 0        | 0        |                 |
| FedEx                                  |                             | 5          | 4         |                               |           | 13         |                             | 19         |          |                              |          |          |                 |
|                                        |                             |            |           |                               |           |            |                             |            |          |                              |          |          |                 |
| <b>2022 No Build</b>                   | <b>0</b>                    | <b>187</b> | <b>39</b> | <b>213</b>                    | <b>1</b>  | <b>131</b> | <b>89</b>                   | <b>155</b> | <b>0</b> | <b>0</b>                     | <b>0</b> | <b>0</b> |                 |
| <b>Rerouting Atrisco Vista Traffic</b> |                             | <b>-51</b> |           |                               |           | <b>-28</b> |                             |            |          |                              |          |          |                 |
| AA Entering                            | 0                           | 0          | 0         | 0                             | 0         | 0          | 0                           | 3          | 0        | 0                            | 0        | 0        |                 |
| AA Exiting                             | 0                           | 5          | 0         | 0                             | 0         | 0          | 0                           | 0          | 0        | 0                            | 0        | 0        |                 |
| SFH Entering                           | 0                           | 0          | 0         | 0                             | 0         | 0          | 0                           | 7          | 0        | 0                            | 0        | 0        |                 |
| SFH Exiting                            | 0                           | 19         | 1         | 0                             | 0         | 0          | 0                           | 0          | 0        | 0                            | 0        | 0        |                 |
| EMP Entering                           | 0                           | 0          | 0         | 0                             | 0         | 18         | 0                           | 13         | 0        | 0                            | 0        | 0        |                 |
| EMP Exiting                            | 0                           | 4          | 0         | 0                             | 0         | 0          | 0                           | 0          | 0        | 0                            | 0        | 0        |                 |
| <b>2022 Build</b>                      | <b>0</b>                    | <b>164</b> | <b>40</b> | <b>213</b>                    | <b>1</b>  | <b>120</b> | <b>89</b>                   | <b>177</b> | <b>0</b> | <b>0</b>                     | <b>0</b> | <b>0</b> |                 |
|                                        |                             |            |           |                               |           |            |                             |            |          |                              |          |          |                 |
|                                        |                             |            |           |                               |           |            |                             |            |          |                              |          |          |                 |
|                                        |                             |            |           |                               |           |            |                             |            |          |                              |          |          |                 |
| <i>PHF</i>                             | <i>0.97</i>                 |            |           | <i>0.97</i>                   |           |            | <i>0.97</i>                 |            |          | <i>0.97</i>                  |          |          |                 |
| <i>HV %</i>                            |                             | <i>11</i>  |           |                               | <i>24</i> |            |                             | <i>14</i>  |          |                              | <i>2</i> |          |                 |

PM Peak Hour

|                                        | Southbound<br>ATRISCO VISTA |            |           | Westbound<br>I-40 WB OFF RAMP |           |            | Northbound<br>ATRISCO VISTA |            |          | Eastbound<br>I-40 WB ON RAMP |          |          | 16:30 to 17:15 |
|----------------------------------------|-----------------------------|------------|-----------|-------------------------------|-----------|------------|-----------------------------|------------|----------|------------------------------|----------|----------|----------------|
|                                        | Left                        | Thru       | Right     | Left                          | Thru      | Right      | Left                        | Thru       | Right    | Left                         | Thru     | Right    |                |
| <b>Existing Volumes (2017)</b>         | <b>0</b>                    | <b>294</b> | <b>23</b> | <b>192</b>                    | <b>1</b>  | <b>81</b>  | <b>143</b>                  | <b>195</b> | <b>0</b> | <b>0</b>                     | <b>0</b> | <b>0</b> |                |
| Background Growth                      | 0                           | 29         | 2         | 19                            | 0         | 8          | 14                          | 20         | 0        | 0                            | 0        | 0        |                |
| FedEx                                  |                             | 19         |           |                               |           | 9          |                             | 9          |          |                              |          |          |                |
|                                        |                             |            |           |                               |           |            |                             |            |          |                              |          |          |                |
| <b>2022 No Build</b>                   | <b>0</b>                    | <b>342</b> | <b>25</b> | <b>211</b>                    | <b>1</b>  | <b>98</b>  | <b>157</b>                  | <b>224</b> | <b>0</b> | <b>0</b>                     | <b>0</b> | <b>0</b> |                |
| <b>Rerouting Atrisco Vista Traffic</b> |                             | <b>-24</b> |           |                               |           | <b>-50</b> |                             |            |          |                              |          |          |                |
| AA Entering                            | 0                           | 0          | 0         | 0                             | 0         | 0          | 0                           | 6          | 0        | 0                            | 0        | 0        |                |
| AA Exiting                             | 0                           | 4          | 0         | 0                             | 0         | 0          | 0                           | 0          | 0        | 0                            | 0        | 0        |                |
| SFH Entering                           | 0                           | 0          | 0         | 0                             | 0         | 0          | 0                           | 22         | 0        | 0                            | 0        | 0        |                |
| SFH Exiting                            | 0                           | 13         | 0         | 0                             | 0         | 0          | 0                           | 0          | 0        | 0                            | 0        | 0        |                |
| EMP Entering                           | 0                           | 0          | 0         | 0                             | 0         | 5          | 0                           | 4          | 0        | 0                            | 0        | 0        |                |
| EMP Exiting                            | 0                           | 33         | 0         | 0                             | 0         | 0          | 0                           | 0          | 0        | 0                            | 0        | 0        |                |
| <b>2022 Build</b>                      | <b>0</b>                    | <b>367</b> | <b>26</b> | <b>211</b>                    | <b>1</b>  | <b>53</b>  | <b>157</b>                  | <b>255</b> | <b>0</b> | <b>0</b>                     | <b>0</b> | <b>0</b> |                |
|                                        |                             |            |           |                               |           |            |                             |            |          |                              |          |          |                |
|                                        |                             |            |           |                               |           |            |                             |            |          |                              |          |          |                |
|                                        |                             |            |           |                               |           |            |                             |            |          |                              |          |          |                |
| <i>PHF</i>                             | <i>0.90</i>                 |            |           | <i>0.90</i>                   |           |            | <i>0.90</i>                 |            |          | <i>0.90</i>                  |          |          |                |
| <i>HV %</i>                            |                             | <i>7</i>   |           |                               | <i>10</i> |            |                             | <i>7</i>   |          |                              | <i>2</i> |          |                |

|                           |      |       |      |      |      |       |      |       |      |      |      |      |               |
|---------------------------|------|-------|------|------|------|-------|------|-------|------|------|------|------|---------------|
| growth rates              | 2.0% | 2.0%  | 2.0% | 2.0% | 2.0% | 2.0%  | 2.0% | 2.0%  | 2.0% | 2.0% | 2.0% | 2.0% |               |
| Trip Distribution % Enter |      |       |      |      |      |       |      | 11.7% |      |      |      |      | Active Adult  |
| Trip Distribution % Exit  | 0.0% | 11.3% | 0.4% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% |               |
| Trip Distribution % Enter |      |       |      |      |      |       |      | 11.7% |      |      |      |      | Single Family |
| Trip Distribution % Exit  |      | 11.3% | 0.4% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% |               |
| Trip Distribution % Enter |      |       |      |      |      | 42.7% |      | 30.5% |      |      |      |      | Employment    |
| Trip Distribution % Exit  |      | 72.7% | 0.5% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% |               |

**UPPER PETROGLYPHS**  
**EXISTING & PROJECTED TURNING MOVEMENTS**

**INTERSECTION: ATRISCO VISTA AND FRONTAGE**

AM Peak Hour

|                                        | Southbound<br>ATRISCO VISTA |            |           | Westbound<br>FRONTAGE |          |          | Northbound<br>ATRISCO VISTA |            |          | Eastbound<br>FRONTAGE |          |           |
|----------------------------------------|-----------------------------|------------|-----------|-----------------------|----------|----------|-----------------------------|------------|----------|-----------------------|----------|-----------|
|                                        | Left                        | Thru       | Right     | Left                  | Thru     | Right    | Left                        | Thru       | Right    | Left                  | Thru     | Right     |
| <b>Existing Volumes (2017)</b>         | <b>0</b>                    | <b>155</b> | <b>27</b> | <b>0</b>              | <b>0</b> | <b>0</b> | <b>95</b>                   | <b>140</b> | <b>0</b> | <b>2</b>              | <b>0</b> | <b>40</b> |
| Background Growth                      | 0                           | 16         | 3         | 0                     | 0        | 0        | 10                          | 14         | 0        | 0                     | 0        | 4         |
| FedEx                                  |                             | 9          |           |                       |          |          |                             | 32         |          | 2                     |          |           |
|                                        |                             |            |           |                       |          |          |                             |            |          |                       |          |           |
| <b>2022 No Build</b>                   | <b>0</b>                    | <b>180</b> | <b>30</b> | <b>0</b>              | <b>0</b> | <b>0</b> | <b>105</b>                  | <b>186</b> | <b>0</b> | <b>4</b>              | <b>0</b> | <b>44</b> |
| <b>Rerouting Atrisco Vista Traffic</b> |                             | <b>-51</b> |           |                       |          |          |                             | <b>-28</b> |          |                       |          |           |
| AA Entering                            | 0                           | 0          | 0         | 0                     | 0        | 0        | 0                           | 3          | 0        | 0                     | 0        | 0         |
| AA Exiting                             | 0                           | 5          | 0         | 0                     | 0        | 0        | 0                           | 0          | 0        | 0                     | 0        | 0         |
| SFH Entering                           | 0                           | 0          | 0         | 0                     | 0        | 0        | 0                           | 7          | 0        | 0                     | 0        | 0         |
| SFH Exiting                            | 0                           | 20         | 0         | 0                     | 0        | 0        | 0                           | 0          | 0        | 0                     | 0        | 0         |
| EMP Entering                           | 0                           | 0          | 0         | 0                     | 0        | 0        | 0                           | 30         | 0        | 0                     | 0        | 0         |
| EMP Exiting                            | 0                           | 4          | 0         | 0                     | 0        | 0        | 0                           | 0          | 0        | 0                     | 0        | 0         |
| <b>2022 Build</b>                      | <b>0</b>                    | <b>158</b> | <b>30</b> | <b>0</b>              | <b>0</b> | <b>0</b> | <b>105</b>                  | <b>198</b> | <b>0</b> | <b>4</b>              | <b>0</b> | <b>44</b> |
|                                        |                             |            |           |                       |          |          |                             |            |          |                       |          |           |
|                                        |                             |            |           |                       |          |          |                             |            |          |                       |          |           |
| <i>PHF</i>                             | <i>0.90</i>                 |            |           | <i>0.90</i>           |          |          | <i>0.90</i>                 |            |          | <i>0.90</i>           |          |           |
| <i>HV %</i>                            |                             | 9          |           |                       | 2        |          |                             | 9          |          |                       | 5        |           |

PM Peak Hour

|                                        | Southbound<br>ATRISCO VISTA |            |          | Westbound<br>FRONTAGE |          |          | Northbound<br>ATRISCO VISTA |            |          | Eastbound<br>FRONTAGE |          |            |
|----------------------------------------|-----------------------------|------------|----------|-----------------------|----------|----------|-----------------------------|------------|----------|-----------------------|----------|------------|
|                                        | Left                        | Thru       | Right    | Left                  | Thru     | Right    | Left                        | Thru       | Right    | Left                  | Thru     | Right      |
| <b>Existing Volumes (2017)</b>         | <b>0</b>                    | <b>181</b> | <b>6</b> | <b>0</b>              | <b>0</b> | <b>0</b> | <b>87</b>                   | <b>192</b> | <b>0</b> | <b>17</b>             | <b>0</b> | <b>133</b> |
| Background Growth                      | 0                           | 18         | 1        | 0                     | 0        | 0        | 9                           | 19         | 0        | 2                     | 0        | 13         |
| FedEx                                  |                             | 19         |          |                       |          |          |                             | 18         |          |                       |          |            |
|                                        |                             |            |          |                       |          |          |                             |            |          |                       |          |            |
| <b>2022 No Build</b>                   | <b>0</b>                    | <b>218</b> | <b>7</b> | <b>0</b>              | <b>0</b> | <b>0</b> | <b>96</b>                   | <b>229</b> | <b>0</b> | <b>19</b>             | <b>0</b> | <b>146</b> |
| <b>Rerouting Atrisco Vista Traffic</b> |                             | <b>-24</b> |          |                       |          |          |                             | <b>-50</b> |          |                       |          |            |
| AA Entering                            | 0                           | 0          | 0        | 0                     | 0        | 0        | 0                           | 6          | 0        | 0                     | 0        | 0          |
| AA Exiting                             | 0                           | 4          | 0        | 0                     | 0        | 0        | 0                           | 0          | 0        | 0                     | 0        | 0          |
| SFH Entering                           | 0                           | 0          | 0        | 0                     | 0        | 0        | 0                           | 22         | 0        | 0                     | 0        | 0          |
| SFH Exiting                            | 0                           | 13         | 0        | 0                     | 0        | 0        | 0                           | 0          | 0        | 0                     | 0        | 0          |
| EMP Entering                           | 0                           | 0          | 0        | 0                     | 0        | 0        | 0                           | 9          | 0        | 0                     | 0        | 0          |
| EMP Exiting                            | 0                           | 33         | 0        | 0                     | 0        | 0        | 0                           | 0          | 0        | 0                     | 0        | 0          |
| <b>2022 Build</b>                      | <b>0</b>                    | <b>243</b> | <b>7</b> | <b>0</b>              | <b>0</b> | <b>0</b> | <b>96</b>                   | <b>216</b> | <b>0</b> | <b>19</b>             | <b>0</b> | <b>146</b> |
|                                        |                             |            |          |                       |          |          |                             |            |          |                       |          |            |
|                                        |                             |            |          |                       |          |          |                             |            |          |                       |          |            |
| <i>PHF</i>                             | <i>0.86</i>                 |            |          | <i>0.86</i>           |          |          | <i>0.86</i>                 |            |          | <i>0.86</i>           |          |            |
| <i>HV %</i>                            |                             | 2          |          |                       | 2        |          |                             | 5          |          |                       | 13       |            |

|                           |      |       |      |      |      |      |      |       |      |      |      |      |               |
|---------------------------|------|-------|------|------|------|------|------|-------|------|------|------|------|---------------|
| growth rates              | 2.0% | 2.0%  | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0%  | 2.0% | 2.0% | 2.0% | 2.0% |               |
| Trip Distribution % Enter |      |       |      |      |      |      |      | 11.7% |      |      |      |      | Active Adult  |
| Trip Distribution % Exit  | 0.0% | 11.7% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% |               |
| Trip Distribution % Enter |      |       |      |      |      |      |      | 11.7% |      |      |      |      | Single Family |
| Trip Distribution % Exit  | 0.0% | 11.7% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% |               |
| Trip Distribution % Enter |      |       |      |      |      |      |      | 73.2% |      |      |      |      | Employment    |
| Trip Distribution % Exit  | 0.0% | 73.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% |               |

**UPPER PETROGLYPHS**  
**EXISTING & PROJECTED TURNING MOVEMENTS**

**INTERSECTION: ATRISCO VISTA AND TEMPUR PEDIC PARKWAY**

AM Peak Hour

|                                        | Southbound<br>ATRISCO VISTA |            |           | Westbound<br>TEMPUR PEDIC PARKWAY |          |          | Northbound<br>ATRISCO VISTA |            |          | Eastbound<br>TEMPUR PEDIC PARKWAY |          |           |
|----------------------------------------|-----------------------------|------------|-----------|-----------------------------------|----------|----------|-----------------------------|------------|----------|-----------------------------------|----------|-----------|
|                                        | Left                        | Thru       | Right     | Left                              | Thru     | Right    | Left                        | Thru       | Right    | Left                              | Thru     | Right     |
| <b>Existing Volumes (2017)</b>         | <b>0</b>                    | <b>184</b> | <b>7</b>  | <b>0</b>                          | <b>0</b> | <b>0</b> | <b>37</b>                   | <b>102</b> | <b>0</b> | <b>1</b>                          | <b>0</b> | <b>14</b> |
| Background Growth                      | 0                           | 18         | 1         | 0                                 | 0        | 0        | 4                           | 10         | 0        | 0                                 | 0        | 1         |
| FedEx                                  |                             |            | 8         |                                   |          |          | 34                          |            |          |                                   |          | 9         |
|                                        |                             |            |           |                                   |          |          |                             |            |          |                                   |          |           |
| <b>2022 No Build</b>                   | <b>0</b>                    | <b>202</b> | <b>16</b> | <b>0</b>                          | <b>0</b> | <b>0</b> | <b>75</b>                   | <b>112</b> | <b>0</b> | <b>1</b>                          | <b>0</b> | <b>24</b> |
| <b>Rerouting Atrisco Vista Traffic</b> |                             | <b>-51</b> |           |                                   |          |          |                             | <b>-28</b> |          |                                   |          |           |
| AA Entering                            | 0                           | 0          | 0         | 0                                 | 0        | 0        | 0                           | 3          | 0        | 0                                 | 0        | 0         |
| AA Exiting                             | 0                           | 5          | 0         | 0                                 | 0        | 0        | 0                           | 0          | 0        | 0                                 | 0        | 0         |
| SFH Entering                           | 0                           | 0          | 0         | 0                                 | 0        | 0        | 0                           | 7          | 0        | 0                                 | 0        | 0         |
| SFH Exiting                            | 0                           | 20         | 0         | 0                                 | 0        | 0        | 0                           | 0          | 0        | 0                                 | 0        | 0         |
| EMP Entering                           | 0                           | 0          | 11        | 0                                 | 0        | 0        | 30                          | 0          | 0        | 0                                 | 0        | 0         |
| EMP Exiting                            | 0                           | 0          | 0         | 0                                 | 0        | 0        | 0                           | 0          | 0        | 2                                 | 0        | 4         |
| <b>2022 Build</b>                      | <b>0</b>                    | <b>177</b> | <b>27</b> | <b>0</b>                          | <b>0</b> | <b>0</b> | <b>105</b>                  | <b>94</b>  | <b>0</b> | <b>3</b>                          | <b>0</b> | <b>29</b> |
|                                        |                             |            |           |                                   |          |          |                             |            |          |                                   |          |           |
|                                        |                             |            |           |                                   |          |          |                             |            |          |                                   |          |           |

|             |      |  |      |  |      |  |      |
|-------------|------|--|------|--|------|--|------|
| <i>PHF</i>  | 0.87 |  | 0.87 |  | 0.87 |  | 0.87 |
| <i>HV %</i> | 3    |  | 2    |  | 11   |  | 50   |

PM Peak Hour

|                                        | Southbound<br>ATRISCO VISTA |            |           | Westbound<br>TEMPUR PEDIC PARKWAY |          |          | Northbound<br>ATRISCO VISTA |            |          | Eastbound<br>TEMPUR PEDIC PARKWAY |          |            |
|----------------------------------------|-----------------------------|------------|-----------|-----------------------------------|----------|----------|-----------------------------|------------|----------|-----------------------------------|----------|------------|
|                                        | Left                        | Thru       | Right     | Left                              | Thru     | Right    | Left                        | Thru       | Right    | Left                              | Thru     | Right      |
| <b>Existing Volumes (2017)</b>         | <b>0</b>                    | <b>88</b>  | <b>10</b> | <b>0</b>                          | <b>0</b> | <b>0</b> | <b>30</b>                   | <b>183</b> | <b>0</b> | <b>20</b>                         | <b>0</b> | <b>108</b> |
| Background Growth                      | 0                           | 9          | 1         | 0                                 | 0        | 0        | 3                           | 18         | 0        | 2                                 | 0        | 11         |
| FedEx                                  |                             |            | 1         |                                   |          |          | 18                          |            |          | 5                                 |          | 19         |
|                                        |                             |            |           |                                   |          |          |                             |            |          |                                   |          |            |
| <b>2022 No Build</b>                   | <b>0</b>                    | <b>97</b>  | <b>12</b> | <b>0</b>                          | <b>0</b> | <b>0</b> | <b>51</b>                   | <b>201</b> | <b>0</b> | <b>27</b>                         | <b>0</b> | <b>138</b> |
| <b>Rerouting Atrisco Vista Traffic</b> |                             | <b>-24</b> |           |                                   |          |          |                             | <b>-50</b> |          |                                   |          |            |
| AA Entering                            | 0                           | 0          | 0         | 0                                 | 0        | 0        | 0                           | 6          | 0        | 0                                 | 0        | 0          |
| AA Exiting                             | 0                           | 4          | 0         | 0                                 | 0        | 0        | 0                           | 0          | 0        | 0                                 | 0        | 0          |
| SFH Entering                           | 0                           | 0          | 0         | 0                                 | 0        | 0        | 0                           | 22         | 0        | 0                                 | 0        | 0          |
| SFH Exiting                            | 0                           | 13         | 0         | 0                                 | 0        | 0        | 0                           | 0          | 0        | 0                                 | 0        | 0          |
| EMP Entering                           | 0                           | 0          | 3         | 0                                 | 0        | 0        | 9                           | 0          | 0        | 0                                 | 0        | 0          |
| EMP Exiting                            | 0                           | 0          | 0         | 0                                 | 0        | 0        | 0                           | 0          | 0        | 12                                | 0        | 33         |
| <b>2022 Build</b>                      | <b>0</b>                    | <b>89</b>  | <b>15</b> | <b>0</b>                          | <b>0</b> | <b>0</b> | <b>60</b>                   | <b>179</b> | <b>0</b> | <b>39</b>                         | <b>0</b> | <b>171</b> |
|                                        |                             |            |           |                                   |          |          |                             |            |          |                                   |          |            |
|                                        |                             |            |           |                                   |          |          |                             |            |          |                                   |          |            |

|             |      |  |      |  |      |  |      |
|-------------|------|--|------|--|------|--|------|
| <i>PHF</i>  | 0.80 |  | 0.80 |  | 0.80 |  | 0.80 |
| <i>HV %</i> | 6    |  | 2    |  | 2    |  | 2    |

|                           |      |       |       |      |      |      |       |      |      |       |      |       |               |
|---------------------------|------|-------|-------|------|------|------|-------|------|------|-------|------|-------|---------------|
| growth rates              | 2.0% | 2.0%  | 2.0%  | 2.0% | 2.0% | 2.0% | 2.0%  | 2.0% | 2.0% | 2.0%  | 2.0% | 2.0%  |               |
| Trip Distribution % Enter |      |       |       |      |      |      | 11.7% |      |      |       |      |       | Active Adult  |
| Trip Distribution % Exit  | 0.0% | 11.7% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0%  |               |
| Trip Distribution % Enter |      |       |       |      |      |      | 11.7% |      |      |       |      |       | Single Family |
| Trip Distribution % Exit  | 0.0% | 11.7% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0%  |               |
| Trip Distribution % Enter |      |       | 26.8% |      |      |      | 73.2% |      |      |       |      |       | Employment    |
| Trip Distribution % Exit  | 0.0% | 0.0%  | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 26.8% | 0.0% | 73.2% |               |

**UPPER PETROGLYPHS  
EXISTING & PROJECTED TURNING MOVEMENTS**

**INTERSECTION: 98TH/ARROYO VISTA AND I-40 EB RAMPS**

AM Peak Hour

|                                        | Southbound<br>98TH |            |            | Westbound<br>I-40 EB ON RAMP |          |          | Northbound<br>98TH |            |              | Eastbound<br>I-40 EB ON AND OFF RAMPS |          |           | 7 AM to 8 AM |
|----------------------------------------|--------------------|------------|------------|------------------------------|----------|----------|--------------------|------------|--------------|---------------------------------------|----------|-----------|--------------|
|                                        | Left               | Thru       | Right      | Left                         | Thru     | Right    | Left               | Thru       | Right        | Left                                  | Thru     | Right     |              |
| <b>Existing Volumes (2018)</b>         | <b>0</b>           | <b>677</b> | <b>350</b> | <b>0</b>                     | <b>0</b> | <b>0</b> | <b>2</b>           | <b>560</b> | <b>1,429</b> | <b>32</b>                             | <b>0</b> | <b>31</b> |              |
| Background Growth                      | 0                  | 54         | 28         | 0                            | 0        | 0        | 0                  | 45         | 114          | 3                                     | 0        | 2         |              |
| Inspiration                            |                    | 99         | 52         |                              |          |          |                    | 49         |              | 3                                     |          |           |              |
|                                        |                    |            |            |                              |          |          |                    |            |              |                                       |          |           |              |
| <b>2022 No Build</b>                   | <b>0</b>           | <b>830</b> | <b>430</b> | <b>0</b>                     | <b>0</b> | <b>0</b> | <b>2</b>           | <b>654</b> | <b>1,543</b> | <b>38</b>                             | <b>0</b> | <b>33</b> |              |
| <b>Rerouting Atrisco Vista Traffic</b> |                    |            | <b>51</b>  |                              |          |          |                    |            |              |                                       |          |           |              |
| AA Entering                            | 0                  | 0          | 0          | 0                            | 0        | 0        | 0                  | 2          | 0            | 0                                     | 0        | 0         |              |
| AA Exiting                             | 0                  | 4          | 27         | 0                            | 0        | 0        | 0                  | 0          | 0            | 0                                     | 0        | 0         |              |
| SFH Entering                           | 0                  | 0          | 0          | 0                            | 0        | 0        | 0                  | 5          | 0            | 0                                     | 0        | 0         |              |
| SFH Exiting                            | 0                  | 15         | 101        | 0                            | 0        | 0        | 0                  | 0          | 0            | 0                                     | 0        | 0         |              |
| EMP Entering                           | 0                  | 0          | 0          | 0                            | 0        | 0        | 0                  | 0          | 0            | 0                                     | 0        | 0         |              |
| EMP Exiting                            | 0                  | 0          | 0          | 0                            | 0        | 0        | 0                  | 0          | 0            | 0                                     | 0        | 0         |              |
| <b>2022 Build</b>                      | <b>0</b>           | <b>849</b> | <b>609</b> | <b>0</b>                     | <b>0</b> | <b>0</b> | <b>2</b>           | <b>661</b> | <b>1,543</b> | <b>38</b>                             | <b>0</b> | <b>33</b> |              |
|                                        |                    |            |            |                              |          |          |                    |            |              |                                       |          |           |              |
|                                        |                    |            |            |                              |          |          |                    |            |              |                                       |          |           |              |
| <i>PHF</i>                             | 0.93               |            |            | 0.93                         |          |          | 0.93               |            |              | 0.93                                  |          |           |              |
| <i>HV %</i>                            |                    | 3          |            |                              | 2        |          |                    | 4          |              |                                       | 19       |           |              |

PM Peak Hour

|                                        | Southbound<br>98TH |              |            | Westbound<br>I-40 EB ON RAMP |          |          | Northbound<br>98TH |            |            | Eastbound<br>I-40 EB ON AND OFF RAMPS |          |           | 16:45 to 17:30 |
|----------------------------------------|--------------------|--------------|------------|------------------------------|----------|----------|--------------------|------------|------------|---------------------------------------|----------|-----------|----------------|
|                                        | Left               | Thru         | Right      | Left                         | Thru     | Right    | Left               | Thru       | Right      | Left                                  | Thru     | Right     |                |
| <b>Existing Volumes (2018)</b>         | <b>0</b>           | <b>1,686</b> | <b>96</b>  | <b>0</b>                     | <b>0</b> | <b>0</b> | <b>0</b>           | <b>347</b> | <b>645</b> | <b>29</b>                             | <b>0</b> | <b>73</b> |                |
| Background Growth                      | 0                  | 135          | 8          | 0                            | 0        | 0        | 0                  | 28         | 52         | 2                                     | 0        | 6         |                |
| Inspiration                            |                    | 86           | 5          |                              |          |          |                    | 105        |            | 9                                     |          |           |                |
|                                        |                    |              |            |                              |          |          |                    |            |            |                                       |          |           |                |
| <b>2022 No Build</b>                   | <b>0</b>           | <b>1,907</b> | <b>109</b> | <b>0</b>                     | <b>0</b> | <b>0</b> | <b>0</b>           | <b>480</b> | <b>697</b> | <b>40</b>                             | <b>0</b> | <b>79</b> |                |
| <b>Rerouting Atrisco Vista Traffic</b> |                    |              | <b>24</b>  |                              |          |          |                    |            |            |                                       |          |           |                |
| AA Entering                            | 0                  | 0            | 0          | 0                            | 0        | 0        | 0                  | 5          | 0          | 0                                     | 0        | 0         |                |
| AA Exiting                             | 0                  | 3            | 19         | 0                            | 0        | 0        | 0                  | 0          | 0          | 0                                     | 0        | 0         |                |
| SFH Entering                           | 0                  | 0            | 0          | 0                            | 0        | 0        | 0                  | 17         | 0          | 0                                     | 0        | 0         |                |
| SFH Exiting                            | 0                  | 10           | 67         | 0                            | 0        | 0        | 0                  | 0          | 0          | 0                                     | 0        | 0         |                |
| EMP Entering                           | 0                  | 0            | 0          | 0                            | 0        | 0        | 0                  | 0          | 0          | 0                                     | 0        | 0         |                |
| EMP Exiting                            | 0                  | 0            | 0          | 0                            | 0        | 0        | 0                  | 0          | 0          | 0                                     | 0        | 0         |                |
| <b>2022 Build</b>                      | <b>0</b>           | <b>1,920</b> | <b>218</b> | <b>0</b>                     | <b>0</b> | <b>0</b> | <b>0</b>           | <b>501</b> | <b>697</b> | <b>40</b>                             | <b>0</b> | <b>79</b> |                |
|                                        |                    |              |            |                              |          |          |                    |            |            |                                       |          |           |                |
|                                        |                    |              |            |                              |          |          |                    |            |            |                                       |          |           |                |
| <i>PHF</i>                             | 0.90               |              |            | 0.90                         |          |          | 0.90               |            |            | 0.90                                  |          |           |                |
| <i>HV %</i>                            |                    | 2            |            |                              | 2        |          |                    | 6          |            |                                       | 31       |           |                |

|                           |      |      |       |      |      |      |      |      |      |      |      |      |               |
|---------------------------|------|------|-------|------|------|------|------|------|------|------|------|------|---------------|
| growth rates              | 2.0% | 2.0% | 2.0%  | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |               |
| Trip Distribution % Enter |      |      |       |      |      |      |      | 9.0% |      |      |      |      | Active Adult  |
| Trip Distribution % Exit  | 0.0% | 9.0% | 60.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |               |
| Trip Distribution % Enter |      |      |       |      |      |      |      | 9.0% |      |      |      |      | Single Family |
| Trip Distribution % Exit  |      | 9.0% | 60.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |               |
| Trip Distribution % Enter |      |      |       |      |      |      |      |      |      |      |      |      | Employment    |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |               |

**UPPER PETROGLYPHS  
EXISTING & PROJECTED TURNING MOVEMENTS**

**INTERSECTION: 98TH/ARROYO VISTA AND I-40 WB RAMPS**

AM Peak Hour

|                                        | Southbound<br>ARROYO VISTA |            |           | Westbound<br>I-40 WB OFF RAMP |          |            | Northbound<br>ARROYO VISTA |            |          | Eastbound<br>I-40 WB ON RAMP |          |          | 7 AM to 7:45 AM |
|----------------------------------------|----------------------------|------------|-----------|-------------------------------|----------|------------|----------------------------|------------|----------|------------------------------|----------|----------|-----------------|
|                                        | Left                       | Thru       | Right     | Left                          | Thru     | Right      | Left                       | Thru       | Right    | Left                         | Thru     | Right    |                 |
| <b>Existing Volumes (2018)</b>         | <b>0</b>                   | <b>507</b> | <b>30</b> | <b>461</b>                    | <b>2</b> | <b>53</b>  | <b>78</b>                  | <b>630</b> | <b>0</b> | <b>0</b>                     | <b>0</b> | <b>0</b> |                 |
| Background Growth                      | 0                          | 41         | 2         | 37                            | 0        | 4          | 6                          | 50         | 0        | 0                            | 0        | 0        |                 |
| Inspiration                            |                            | 151        | 9         |                               |          | 4          |                            | 52         |          |                              |          |          |                 |
|                                        |                            |            |           |                               |          |            |                            |            |          |                              |          |          |                 |
| <b>2022 No Build</b>                   | <b>0</b>                   | <b>699</b> | <b>41</b> | <b>498</b>                    | <b>2</b> | <b>61</b>  | <b>84</b>                  | <b>732</b> | <b>0</b> | <b>0</b>                     | <b>0</b> | <b>0</b> |                 |
| <b>Rerouting Atrisco Vista Traffic</b> |                            | <b>51</b>  |           |                               |          | <b>28</b>  |                            |            |          |                              |          |          |                 |
| AA Entering                            | 0                          | 0          | 0         | 0                             | 0        | 15         | 0                          | 2          | 0        | 0                            | 0        | 0        |                 |
| AA Exiting                             | 0                          | 31         | 0         | 0                             | 0        | 0          | 0                          | 0          | 0        | 0                            | 0        | 0        |                 |
| SFH Entering                           | 0                          | 0          | 0         | 0                             | 0        | 34         | 0                          | 5          | 0        | 0                            | 0        | 0        |                 |
| SFH Exiting                            | 0                          | 116        | 0         | 0                             | 0        | 0          | 0                          | 0          | 0        | 0                            | 0        | 0        |                 |
| EMP Entering                           | 0                          | 0          | 0         | 0                             | 0        | 0          | 0                          | 0          | 0        | 0                            | 0        | 0        |                 |
| EMP Exiting                            | 0                          | 0          | 0         | 0                             | 0        | 0          | 0                          | 0          | 0        | 0                            | 0        | 0        |                 |
| <b>2022 Build</b>                      | <b>0</b>                   | <b>896</b> | <b>41</b> | <b>498</b>                    | <b>2</b> | <b>139</b> | <b>84</b>                  | <b>740</b> | <b>0</b> | <b>0</b>                     | <b>0</b> | <b>0</b> |                 |
|                                        |                            |            |           |                               |          |            |                            |            |          |                              |          |          |                 |
|                                        |                            |            |           |                               |          |            |                            |            |          |                              |          |          |                 |
| <i>PHF</i>                             | <i>0.91</i>                |            |           | <i>0.91</i>                   |          |            | <i>0.91</i>                |            |          | <i>0.91</i>                  |          |          |                 |
| <i>HV %</i>                            |                            | 2          |           |                               | 6        |            |                            | 6          |          |                              | 2        |          |                 |

PM Peak Hour

|                                        | Southbound<br>ARROYO VISTA |            |           | Westbound<br>I-40 WB OFF RAMP |          |            | Northbound<br>ARROYO VISTA |            |          | Eastbound<br>I-40 WB ON RAMP |          |          | 16:00 to 16:45 |
|----------------------------------------|----------------------------|------------|-----------|-------------------------------|----------|------------|----------------------------|------------|----------|------------------------------|----------|----------|----------------|
|                                        | Left                       | Thru       | Right     | Left                          | Thru     | Right      | Left                       | Thru       | Right    | Left                         | Thru     | Right    |                |
| <b>Existing Volumes (2018)</b>         | <b>0</b>                   | <b>378</b> | <b>46</b> | <b>1,530</b>                  | <b>1</b> | <b>190</b> | <b>74</b>                  | <b>314</b> | <b>0</b> | <b>0</b>                     | <b>0</b> | <b>0</b> |                |
| Background Growth                      | 0                          | 30         | 4         | 122                           | 0        | 15         | 6                          | 25         | 0        | 0                            | 0        | 0        |                |
| Inspiration                            |                            | 91         | 11        |                               |          | 69         |                            | 114        |          |                              |          |          |                |
|                                        |                            |            |           |                               |          |            |                            |            |          |                              |          |          |                |
| <b>2022 No Build</b>                   | <b>0</b>                   | <b>499</b> | <b>61</b> | <b>1,652</b>                  | <b>1</b> | <b>274</b> | <b>80</b>                  | <b>453</b> | <b>0</b> | <b>0</b>                     | <b>0</b> | <b>0</b> |                |
| <b>Rerouting Atrisco Vista Traffic</b> |                            | <b>24</b>  |           |                               |          | <b>50</b>  |                            |            |          |                              |          |          |                |
| AA Entering                            | 0                          | 0          | 0         | 0                             | 0        | 30         | 0                          | 5          | 0        | 0                            | 0        | 0        |                |
| AA Exiting                             | 0                          | 21         | 0         | 0                             | 0        | 0          | 0                          | 0          | 0        | 0                            | 0        | 0        |                |
| SFH Entering                           | 0                          | 0          | 0         | 0                             | 0        | 115        | 0                          | 17         | 0        | 0                            | 0        | 0        |                |
| SFH Exiting                            | 0                          | 77         | 0         | 0                             | 0        | 0          | 0                          | 0          | 0        | 0                            | 0        | 0        |                |
| EMP Entering                           | 0                          | 0          | 0         | 0                             | 0        | 0          | 0                          | 0          | 0        | 0                            | 0        | 0        |                |
| EMP Exiting                            | 0                          | 0          | 0         | 0                             | 0        | 0          | 0                          | 0          | 0        | 0                            | 0        | 0        |                |
| <b>2022 Build</b>                      | <b>0</b>                   | <b>622</b> | <b>61</b> | <b>1,652</b>                  | <b>1</b> | <b>469</b> | <b>80</b>                  | <b>475</b> | <b>0</b> | <b>0</b>                     | <b>0</b> | <b>0</b> |                |
|                                        |                            |            |           |                               |          |            |                            |            |          |                              |          |          |                |
|                                        |                            |            |           |                               |          |            |                            |            |          |                              |          |          |                |
| <i>PHF</i>                             | <i>0.95</i>                |            |           | <i>0.95</i>                   |          |            | <i>0.95</i>                |            |          | <i>0.95</i>                  |          |          |                |
| <i>HV %</i>                            |                            | 2          |           |                               | 3        |            |                            | 10         |          |                              | 2        |          |                |

|                           |      |        |       |       |       |        |       |       |       |       |       |       |               |
|---------------------------|------|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|---------------|
| growth rates              | 2.0% | 2.0%   | 2.0%  | 2.0%  | 2.0%  | 2.0%   | 2.0%  | 2.0%  | 2.0%  | 2.0%  | 2.0%  | 2.0%  |               |
| Trip Distribution % Enter |      |        |       |       |       | 60.10% |       | 9.00% |       |       |       |       | Active Adult  |
| Trip Distribution % Exit  |      | 69.10% | 0.00% | 0.00% | 0.00% | 0.00%  | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |               |
| Trip Distribution % Enter |      |        |       |       |       | 60.10% |       | 9.00% |       |       |       |       | Single Family |
| Trip Distribution % Exit  |      | 69.1%  | 0.0%  | 0.0%  | 0.0%  | 0.0%   | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  |               |
| Trip Distribution % Enter |      |        |       |       |       |        |       |       |       |       |       |       | Employment    |
| Trip Distribution % Exit  | 0.0% | 0.0%   | 0.0%  | 0.0%  | 0.0%  | 0.0%   | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  |               |

**UPPER PETROGLYPHS  
EXISTING & PROJECTED TURNING MOVEMENTS**

**INTERSECTION: ARROYO VISTA AND LADERA**

AM Peak Hour

|                                        |  |  | Southbound<br>ARROYO VISTA |            |          | Westbound<br>LADERA |          |           | Northbound<br>ARROYO VISTA |            |            | Eastbound<br>LADERA |          |          |
|----------------------------------------|--|--|----------------------------|------------|----------|---------------------|----------|-----------|----------------------------|------------|------------|---------------------|----------|----------|
|                                        |  |  | Left                       | Thru       | Right    | Left                | Thru     | Right     | Left                       | Thru       | Right      | Left                | Thru     | Right    |
| <b>Existing Volumes (2018)</b>         |  |  | <b>10</b>                  | <b>213</b> | <b>0</b> | <b>382</b>          | <b>0</b> | <b>10</b> | <b>0</b>                   | <b>179</b> | <b>345</b> | <b>0</b>            | <b>0</b> | <b>0</b> |
| Background Growth                      |  |  | 1                          | 17         | 0        | 31                  | 0        | 1         | 0                          | 14         | 28         | 0                   | 0        | 0        |
| Inspiration                            |  |  | 15                         | 160        |          |                     |          | 5         |                            | 56         |            |                     |          |          |
|                                        |  |  |                            |            |          |                     |          |           |                            |            |            |                     |          |          |
| <b>2022 No Build</b>                   |  |  | <b>26</b>                  | <b>390</b> | <b>0</b> | <b>413</b>          | <b>0</b> | <b>16</b> | <b>0</b>                   | <b>250</b> | <b>373</b> | <b>0</b>            | <b>0</b> | <b>0</b> |
| <b>Rerouting Atrisco Vista Traffic</b> |  |  |                            | <b>51</b>  |          |                     |          |           |                            | <b>28</b>  |            |                     |          |          |
| AA Entering                            |  |  | 0                          | 0          | 0        | 0                   | 0        | 2         | 0                          | 17         | 0          | 0                   | 0        | 0        |
| AA Exiting                             |  |  | 4                          | 31         | 0        | 0                   | 0        | 0         | 0                          | 0          | 0          | 0                   | 0        | 0        |
| SFH Entering                           |  |  | 0                          | 0          | 0        | 0                   | 0        | 5         | 0                          | 39         | 0          | 0                   | 0        | 0        |
| SFH Exiting                            |  |  | 16                         | 116        | 0        | 0                   | 0        | 0         | 0                          | 0          | 0          | 0                   | 0        | 0        |
| EMP Entering                           |  |  | 0                          | 0          | 0        | 0                   | 0        | 5         | 0                          | 0          | 0          | 0                   | 0        | 0        |
| EMP Exiting                            |  |  | 1                          | 0          | 0        | 0                   | 0        | 0         | 0                          | 0          | 0          | 0                   | 0        | 0        |
| <b>2022 Build</b>                      |  |  | <b>47</b>                  | <b>588</b> | <b>0</b> | <b>413</b>          | <b>0</b> | <b>28</b> | <b>0</b>                   | <b>334</b> | <b>373</b> | <b>0</b>            | <b>0</b> | <b>0</b> |
|                                        |  |  |                            |            |          |                     |          |           |                            |            |            |                     |          |          |
|                                        |  |  |                            |            |          |                     |          |           |                            |            |            |                     |          |          |
| <i>PHF</i>                             |  |  | <i>0.83</i>                |            |          | <i>0.83</i>         |          |           | <i>0.83</i>                |            |            | <i>0.83</i>         |          |          |
| <i>HV %</i>                            |  |  |                            | <i>2</i>   |          |                     | <i>2</i> |           |                            | <i>2</i>   |            |                     | <i>2</i> |          |

PM Peak Hour

|                                        |  |  | Southbound<br>ARROYO VISTA |            |          | Westbound<br>LADERA |          |            | Northbound<br>ARROYO VISTA |            |            | Eastbound<br>LADERA |          |          |
|----------------------------------------|--|--|----------------------------|------------|----------|---------------------|----------|------------|----------------------------|------------|------------|---------------------|----------|----------|
|                                        |  |  | Left                       | Thru       | Right    | Left                | Thru     | Right      | Left                       | Thru       | Right      | Left                | Thru     | Right    |
| <b>Existing Volumes (2018)</b>         |  |  | <b>69</b>                  | <b>210</b> | <b>0</b> | <b>317</b>          | <b>0</b> | <b>75</b>  | <b>0</b>                   | <b>308</b> | <b>366</b> | <b>0</b>            | <b>0</b> | <b>0</b> |
| Background Growth                      |  |  | 6                          | 17         | 0        | 25                  | 0        | 6          | 0                          | 25         | 29         | 0                   | 0        | 0        |
| Inspiration                            |  |  | 10                         | 102        |          |                     |          | 17         |                            | 183        |            |                     |          |          |
|                                        |  |  |                            |            |          |                     |          |            |                            |            |            |                     |          |          |
| <b>2022 No Build</b>                   |  |  | <b>85</b>                  | <b>329</b> | <b>0</b> | <b>342</b>          | <b>0</b> | <b>98</b>  | <b>0</b>                   | <b>516</b> | <b>395</b> | <b>0</b>            | <b>0</b> | <b>0</b> |
| <b>Rerouting Atrisco Vista Traffic</b> |  |  |                            | <b>24</b>  |          |                     |          |            |                            | <b>50</b>  |            |                     |          |          |
| AA Entering                            |  |  | 0                          | 0          | 0        | 0                   | 0        | 5          | 0                          | 35         | 0          | 0                   | 0        | 0        |
| AA Exiting                             |  |  | 3                          | 21         | 0        | 0                   | 0        | 0          | 0                          | 0          | 0          | 0                   | 0        | 0        |
| SFH Entering                           |  |  | 0                          | 0          | 0        | 0                   | 0        | 18         | 0                          | 132        | 0          | 0                   | 0        | 0        |
| SFH Exiting                            |  |  | 11                         | 77         | 0        | 0                   | 0        | 0          | 0                          | 0          | 0          | 0                   | 0        | 0        |
| EMP Entering                           |  |  | 0                          | 0          | 0        | 0                   | 0        | 1          | 0                          | 0          | 0          | 0                   | 0        | 0        |
| EMP Exiting                            |  |  | 5                          | 0          | 0        | 0                   | 0        | 0          | 0                          | 0          | 0          | 0                   | 0        | 0        |
| <b>2022 Build</b>                      |  |  | <b>103</b>                 | <b>451</b> | <b>0</b> | <b>342</b>          | <b>0</b> | <b>123</b> | <b>0</b>                   | <b>733</b> | <b>395</b> | <b>0</b>            | <b>0</b> | <b>0</b> |
|                                        |  |  |                            |            |          |                     |          |            |                            |            |            |                     |          |          |
|                                        |  |  |                            |            |          |                     |          |            |                            |            |            |                     |          |          |
| <i>PHF</i>                             |  |  | <i>0.86</i>                |            |          | <i>0.86</i>         |          |            | <i>0.86</i>                |            |            | <i>0.86</i>         |          |          |
| <i>HV %</i>                            |  |  |                            | <i>3</i>   |          |                     | <i>3</i> |            |                            | <i>2</i>   |            |                     | <i>2</i> |          |

|                           |  |       |        |       |       |       |       |        |       |       |       |       |       |               |
|---------------------------|--|-------|--------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|---------------|
| growth rates              |  | 2.0%  | 2.0%   | 2.0%  | 2.0%  | 2.0%  | 2.0%  | 2.0%   | 2.0%  | 2.0%  | 2.0%  | 2.0%  | 2.0%  |               |
| Trip Distribution % Enter |  |       |        |       |       | 9.50% |       | 69.10% |       |       |       |       |       | Active Adult  |
| Trip Distribution % Exit  |  | 9.50% | 69.10% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00%  | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |               |
| Trip Distribution % Enter |  |       |        |       |       | 9.50% |       | 69.10% |       |       |       |       |       | Single Family |
| Trip Distribution % Exit  |  | 9.5%  | 69.1%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%   | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  |               |
| Trip Distribution % Enter |  |       |        |       |       | 11.0% |       |        |       |       |       |       |       | Employment    |
| Trip Distribution % Exit  |  | 11.0% | 0.0%   | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%   | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%  |               |

**UPPER PETROGLYPHS  
EXISTING & PROJECTED TURNING MOVEMENTS**

**INTERSECTION: ARROYO VISTA AND TIERRA PINTADA**

AM Peak Hour

|                                        | Southbound<br>TIERRA PINTADA |          |           | Westbound<br>ARROYO VISTA |            |            | Northbound<br>TIERRA PINTADA |          |          | Eastbound<br>ARROYO VISTA |            |          |
|----------------------------------------|------------------------------|----------|-----------|---------------------------|------------|------------|------------------------------|----------|----------|---------------------------|------------|----------|
|                                        | Left                         | Thru     | Right     | Left                      | Thru       | Right      | Left                         | Thru     | Right    | Left                      | Thru       | Right    |
| <b>Existing Volumes (2018)</b>         | <b>234</b>                   | <b>3</b> | <b>7</b>  | <b>2</b>                  | <b>6</b>   | <b>198</b> | <b>0</b>                     | <b>2</b> | <b>0</b> | <b>2</b>                  | <b>10</b>  | <b>0</b> |
| Background Growth                      | 19                           | 0        | 1         | 0                         | 0          | 16         | 0                            | 0        | 0        | 0                         | 1          | 0        |
| Inspiration                            |                              |          | 5         |                           | 62         |            |                              |          |          | 15                        | 176        |          |
|                                        |                              |          |           |                           |            |            |                              |          |          |                           |            |          |
| <b>2022 No Build</b>                   | <b>253</b>                   | <b>3</b> | <b>13</b> | <b>2</b>                  | <b>68</b>  | <b>214</b> | <b>0</b>                     | <b>2</b> | <b>0</b> | <b>17</b>                 | <b>187</b> | <b>0</b> |
| <b>Rerouting Atrisco Vista Traffic</b> |                              |          |           |                           | <b>28</b>  |            |                              |          |          |                           | <b>51</b>  |          |
| AA Entering                            | 0                            | 0        | 1         | 0                         | 20         | 0          | 0                            | 0        | 0        | 0                         | 0          | 0        |
| AA Exiting                             | 0                            | 0        | 0         | 0                         | 0          | 0          | 0                            | 0        | 0        | 2                         | 35         | 0        |
| SFH Entering                           | 0                            | 0        | 3         | 0                         | 45         | 0          | 0                            | 0        | 0        | 0                         | 0          | 0        |
| SFH Exiting                            | 0                            | 0        | 0         | 0                         | 0          | 0          | 0                            | 0        | 0        | 8                         | 132        | 0        |
| EMP Entering                           | 0                            | 0        | 3         | 0                         | 5          | 0          | 0                            | 0        | 0        | 0                         | 0          | 0        |
| EMP Exiting                            | 0                            | 0        | 0         | 0                         | 0          | 0          | 0                            | 0        | 0        | 0                         | 1          | 0        |
| <b>2022 Build</b>                      | <b>253</b>                   | <b>3</b> | <b>20</b> | <b>2</b>                  | <b>165</b> | <b>214</b> | <b>0</b>                     | <b>2</b> | <b>0</b> | <b>28</b>                 | <b>405</b> | <b>0</b> |
|                                        |                              |          |           |                           |            |            |                              |          |          |                           |            |          |
|                                        |                              |          |           |                           |            |            |                              |          |          |                           |            |          |
| <i>PHF</i>                             | 0.64                         |          |           | 0.64                      |            |            | 0.64                         |          |          | 0.64                      |            |          |
| <i>HV %</i>                            |                              | 6        |           |                           | 6          |            |                              | 2        |          |                           | 6          |          |

PM Peak Hour

|                                        | Southbound<br>TIERRA PINTADA |           |           | Westbound<br>ARROYO VISTA |            |            | Northbound<br>TIERRA PINTADA |           |           | Eastbound<br>ARROYO VISTA |            |           |
|----------------------------------------|------------------------------|-----------|-----------|---------------------------|------------|------------|------------------------------|-----------|-----------|---------------------------|------------|-----------|
|                                        | Left                         | Thru      | Right     | Left                      | Thru       | Right      | Left                         | Thru      | Right     | Left                      | Thru       | Right     |
| <b>Existing Volumes (2018)</b>         | <b>271</b>                   | <b>72</b> | <b>63</b> | <b>56</b>                 | <b>95</b>  | <b>200</b> | <b>1</b>                     | <b>17</b> | <b>13</b> | <b>12</b>                 | <b>14</b>  | <b>46</b> |
| Background Growth                      | 22                           | 6         | 5         | 4                         | 8          | 16         | 0                            | 1         | 1         | 1                         | 1          | 4         |
| Inspiration                            |                              |           | 17        |                           | 201        |            |                              |           |           | 10                        | 112        |           |
|                                        |                              |           |           |                           |            |            |                              |           |           |                           |            |           |
| <b>2022 No Build</b>                   | <b>293</b>                   | <b>78</b> | <b>85</b> | <b>60</b>                 | <b>303</b> | <b>216</b> | <b>1</b>                     | <b>18</b> | <b>14</b> | <b>23</b>                 | <b>127</b> | <b>50</b> |
| <b>Rerouting Atrisco Vista Traffic</b> |                              |           |           |                           | <b>50</b>  |            |                              |           |           |                           | <b>24</b>  |           |
| AA Entering                            | 0                            | 0         | 2         | 0                         | 39         | 0          | 0                            | 0         | 0         | 0                         | 0          | 0         |
| AA Exiting                             | 0                            | 0         | 0         | 0                         | 0          | 0          | 0                            | 0         | 0         | 1                         | 24         | 0         |
| SFH Entering                           | 0                            | 0         | 9         | 0                         | 150        | 0          | 0                            | 0         | 0         | 0                         | 0          | 0         |
| SFH Exiting                            | 0                            | 0         | 0         | 0                         | 0          | 0          | 0                            | 0         | 0         | 5                         | 87         | 0         |
| EMP Entering                           | 0                            | 0         | 1         | 0                         | 1          | 0          | 0                            | 0         | 0         | 0                         | 0          | 0         |
| EMP Exiting                            | 0                            | 0         | 0         | 0                         | 0          | 0          | 0                            | 0         | 0         | 3                         | 5          | 0         |
| <b>2022 Build</b>                      | <b>293</b>                   | <b>78</b> | <b>98</b> | <b>60</b>                 | <b>544</b> | <b>216</b> | <b>1</b>                     | <b>18</b> | <b>14</b> | <b>33</b>                 | <b>268</b> | <b>50</b> |
|                                        |                              |           |           |                           |            |            |                              |           |           |                           |            |           |
|                                        |                              |           |           |                           |            |            |                              |           |           |                           |            |           |
| <i>PHF</i>                             | 0.83                         |           |           | 0.83                      |            |            | 0.83                         |           |           | 0.83                      |            |           |
| <i>HV %</i>                            |                              | 2         |           |                           | 2          |            |                              | 2         |           |                           | 11         |           |

|                           |       |       |       |       |        |       |       |       |       |       |        |       |               |
|---------------------------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|--------|-------|---------------|
| growth rates              | 2.0%  | 2.0%  | 2.0%  | 2.0%  | 2.0%   | 2.0%  | 2.0%  | 2.0%  | 2.0%  | 2.0%  | 2.0%   | 2.0%  |               |
| Trip Distribution % Enter |       |       | 4.70% |       | 78.60% |       |       |       |       |       |        |       | Active Adult  |
| Trip Distribution % Exit  | 0.00% | 0.00% | 0.00% | 0.00% | 0.00%  | 0.00% | 0.00% | 0.00% | 0.00% | 4.70% | 78.60% | 0.00% |               |
|                           |       |       |       |       |        |       |       |       |       |       |        |       |               |
| Trip Distribution % Enter |       |       | 4.70% |       | 78.60% |       |       |       |       |       |        |       | Single Family |
| Trip Distribution % Exit  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%   | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 4.7%  | 78.6%  | 0.0%  |               |
|                           |       |       |       |       |        |       |       |       |       |       |        |       |               |
| Trip Distribution % Enter |       |       | 7.5%  |       | 11.0%  |       |       |       |       |       |        |       | Employment    |
| Trip Distribution % Exit  | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 0.0%   | 0.0%  | 0.0%  | 0.0%  | 0.0%  | 7.5%  | 11.0%  | 0.0%  |               |

**UPPER PETROGLYPHS  
EXISTING & PROJECTED TURNING MOVEMENTS**

**INTERSECTION: INSPIRATION DRIVEWAY 1 (WEST)**

AM Peak Hour

|                                        | Southbound<br>DRIVEWAY 1 |          |          | Westbound<br>ARROYO VISTA |            |           | Northbound |          |          | Eastbound<br>ARROYO VISTA |            |          |
|----------------------------------------|--------------------------|----------|----------|---------------------------|------------|-----------|------------|----------|----------|---------------------------|------------|----------|
|                                        | Left                     | Thru     | Right    | Left                      | Thru       | Right     | Left       | Thru     | Right    | Left                      | Thru       | Right    |
| <b>Existing Volumes (2018)</b>         |                          |          |          |                           |            |           |            |          |          |                           |            |          |
| Background Growth                      | 0                        | 0        | 0        | 0                         | 0          | 0         | 0          | 0        | 0        | 0                         | 0          | 0        |
| Inspiration                            | 57                       |          |          |                           |            | 20        |            |          |          |                           |            |          |
|                                        |                          |          |          |                           |            |           |            |          |          |                           |            |          |
| <b>2022 No Build</b>                   | <b>57</b>                | <b>0</b> | <b>0</b> | <b>0</b>                  | <b>0</b>   | <b>20</b> | <b>0</b>   | <b>0</b> | <b>0</b> | <b>0</b>                  | <b>0</b>   | <b>0</b> |
| <b>Rerouting Atrisco Vista Traffic</b> |                          |          |          |                           | <b>28</b>  |           |            |          |          |                           | <b>51</b>  |          |
| AA Entering                            | 0                        | 0        | 0        | 0                         | 21         | 0         | 0          | 0        | 0        | 0                         | 0          | 0        |
| AA Exiting                             | 0                        | 0        | 0        | 0                         | 0          | 0         | 0          | 0        | 0        | 0                         | 37         | 0        |
| SFH Entering                           | 0                        | 0        | 0        | 0                         | 47         | 0         | 0          | 0        | 0        | 0                         | 0          | 0        |
| SFH Exiting                            | 0                        | 0        | 0        | 0                         | 0          | 0         | 0          | 0        | 0        | 0                         | 140        | 0        |
| EMP Entering                           | 0                        | 0        | 0        | 0                         | 8          | 0         | 0          | 0        | 0        | 0                         | 0          | 0        |
| EMP Exiting                            | 0                        | 0        | 0        | 0                         | 0          | 0         | 0          | 0        | 0        | 0                         | 1          | 0        |
| <b>2022 Build</b>                      | <b>57</b>                | <b>0</b> | <b>0</b> | <b>0</b>                  | <b>104</b> | <b>20</b> | <b>0</b>   | <b>0</b> | <b>0</b> | <b>0</b>                  | <b>229</b> | <b>0</b> |
|                                        |                          |          |          |                           |            |           |            |          |          |                           |            |          |
|                                        |                          |          |          |                           |            |           |            |          |          |                           |            |          |
| <i>PHF</i>                             | 0.85                     |          |          | 0.85                      |            |           | 0.85       |          |          | 0.85                      |            |          |
| <i>HV %</i>                            |                          | 2        |          |                           | 2          |           |            | 2        |          |                           | 2          |          |

PM Peak Hour

|                                        | Southbound<br>DRIVEWAY 1 |          |          | Westbound<br>ARROYO VISTA |            |           | Northbound |          |          | Eastbound<br>ARROYO VISTA |            |          |
|----------------------------------------|--------------------------|----------|----------|---------------------------|------------|-----------|------------|----------|----------|---------------------------|------------|----------|
|                                        | Left                     | Thru     | Right    | Left                      | Thru       | Right     | Left       | Thru     | Right    | Left                      | Thru       | Right    |
| <b>Existing Volumes (2018)</b>         |                          |          |          |                           |            |           |            |          |          |                           |            |          |
| Background Growth                      | 0                        | 0        | 0        | 0                         | 0          | 0         | 0          | 0        | 0        | 0                         | 0          | 0        |
| Inspiration                            | 37                       |          |          |                           |            | 65        |            |          |          |                           |            |          |
|                                        |                          |          |          |                           |            |           |            |          |          |                           |            |          |
| <b>2022 No Build</b>                   | <b>37</b>                | <b>0</b> | <b>0</b> | <b>0</b>                  | <b>0</b>   | <b>65</b> | <b>0</b>   | <b>0</b> | <b>0</b> | <b>0</b>                  | <b>0</b>   | <b>0</b> |
| <b>Rerouting Atrisco Vista Traffic</b> |                          |          |          |                           | <b>50</b>  |           |            |          |          |                           | <b>24</b>  |          |
| AA Entering                            | 0                        | 0        | 0        | 0                         | 42         | 0         | 0          | 0        | 0        | 0                         | 0          | 0        |
| AA Exiting                             | 0                        | 0        | 0        | 0                         | 0          | 0         | 0          | 0        | 0        | 0                         | 26         | 0        |
| SFH Entering                           | 0                        | 0        | 0        | 0                         | 159        | 0         | 0          | 0        | 0        | 0                         | 0          | 0        |
| SFH Exiting                            | 0                        | 0        | 0        | 0                         | 0          | 0         | 0          | 0        | 0        | 0                         | 92         | 0        |
| EMP Entering                           | 0                        | 0        | 0        | 0                         | 2          | 0         | 0          | 0        | 0        | 0                         | 0          | 0        |
| EMP Exiting                            | 0                        | 0        | 0        | 0                         | 0          | 0         | 0          | 0        | 0        | 0                         | 8          | 0        |
| <b>2022 Build</b>                      | <b>37</b>                | <b>0</b> | <b>0</b> | <b>0</b>                  | <b>253</b> | <b>65</b> | <b>0</b>   | <b>0</b> | <b>0</b> | <b>0</b>                  | <b>151</b> | <b>0</b> |
|                                        |                          |          |          |                           |            |           |            |          |          |                           |            |          |
|                                        |                          |          |          |                           |            |           |            |          |          |                           |            |          |
| <i>PHF</i>                             | 0.85                     |          |          | 0.85                      |            |           | 0.85       |          |          | 0.85                      |            |          |
| <i>HV %</i>                            |                          | 2        |          |                           | 2          |           |            | 2        |          |                           | 2          |          |

|                           |      |      |      |      |       |      |      |      |      |      |       |      |               |
|---------------------------|------|------|------|------|-------|------|------|------|------|------|-------|------|---------------|
| growth rates              | 2.0% | 2.0% | 2.0% | 2.0% | 2.0%  | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0%  | 2.0% |               |
| Trip Distribution % Enter |      |      |      |      | 83.3% |      |      |      |      |      |       |      | Active Adult  |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 83.3% | 0.0% |               |
| Trip Distribution % Enter |      |      |      |      | 83.3% |      |      |      |      |      |       |      | Single Family |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 83.3% | 0.0% |               |
| Trip Distribution % Enter |      |      |      |      | 18.5% |      |      |      |      |      |       |      | Employment    |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 18.5% | 0.0% |               |

**UPPER PETROGLYPHS**  
**EXISTING & PROJECTED TURNING MOVEMENTS**

**INTERSECTION: INSPIRATION DRIVEWAY 2 (EAST)**

AM Peak Hour

|                                        | Southbound<br>DRIVEWAY 2 |          |          | Westbound<br>ARROYO VISTA |            |           | Northbound |          |          | Eastbound<br>ARROYO VISTA |            |          |
|----------------------------------------|--------------------------|----------|----------|---------------------------|------------|-----------|------------|----------|----------|---------------------------|------------|----------|
|                                        | Left                     | Thru     | Right    | Left                      | Thru       | Right     | Left       | Thru     | Right    | Left                      | Thru       | Right    |
| <b>Existing Volumes (2018)</b>         |                          |          |          |                           |            |           |            |          |          |                           |            |          |
| Background Growth                      | 0                        | 0        | 0        | 0                         | 0          | 0         | 0          | 0        | 0        | 0                         | 0          | 0        |
| Inspiration                            | 134                      |          |          |                           | 20         | 47        |            |          |          |                           | 57         |          |
|                                        |                          |          |          |                           |            |           |            |          |          |                           |            |          |
| <b>2022 No Build</b>                   | <b>134</b>               | <b>0</b> | <b>0</b> | <b>0</b>                  | <b>20</b>  | <b>47</b> | <b>0</b>   | <b>0</b> | <b>0</b> | <b>0</b>                  | <b>57</b>  | <b>0</b> |
| <b>Rerouting Atrisco Vista Traffic</b> |                          |          |          |                           | <b>28</b>  |           |            |          |          |                           | <b>51</b>  |          |
| AA Entering                            | 0                        | 0        | 0        | 0                         | 21         | 0         | 0          | 0        | 0        | 0                         | 0          | 0        |
| AA Exiting                             | 0                        | 0        | 0        | 0                         | 0          | 0         | 0          | 0        | 0        | 0                         | 37         | 0        |
| SFH Entering                           | 0                        | 0        | 0        | 0                         | 47         | 0         | 0          | 0        | 0        | 0                         | 0          | 0        |
| SFH Exiting                            | 0                        | 0        | 0        | 0                         | 0          | 0         | 0          | 0        | 0        | 0                         | 140        | 0        |
| EMP Entering                           | 0                        | 0        | 0        | 0                         | 8          | 0         | 0          | 0        | 0        | 0                         | 0          | 0        |
| EMP Exiting                            | 0                        | 0        | 0        | 0                         | 0          | 0         | 0          | 0        | 0        | 0                         | 1          | 0        |
| <b>2022 Build</b>                      | <b>134</b>               | <b>0</b> | <b>0</b> | <b>0</b>                  | <b>124</b> | <b>47</b> | <b>0</b>   | <b>0</b> | <b>0</b> | <b>0</b>                  | <b>286</b> | <b>0</b> |
|                                        |                          |          |          |                           |            |           |            |          |          |                           |            |          |
|                                        |                          |          |          |                           |            |           |            |          |          |                           |            |          |

|             |      |  |      |  |      |  |      |
|-------------|------|--|------|--|------|--|------|
| <i>PHF</i>  | 0.51 |  | 0.85 |  | 0.56 |  | 0.38 |
| <i>HV %</i> | 71   |  | 2    |  | 32   |  | 2    |

PM Peak Hour

|                                        | Southbound<br>DRIVEWAY 2 |          |          | Westbound<br>ARROYO VISTA |            |            | Northbound |          |          | Eastbound<br>ARROYO VISTA |            |          |
|----------------------------------------|--------------------------|----------|----------|---------------------------|------------|------------|------------|----------|----------|---------------------------|------------|----------|
|                                        | Left                     | Thru     | Right    | Left                      | Thru       | Right      | Left       | Thru     | Right    | Left                      | Thru       | Right    |
| <b>Existing Volumes (2018)</b>         |                          |          |          |                           |            |            |            |          |          |                           |            |          |
| Background Growth                      | 0                        | 0        | 0        | 0                         | 0          | 0          | 0          | 0        | 0        | 0                         | 0          | 0        |
| Inspiration                            | 85                       |          |          |                           | 65         | 153        |            |          |          |                           | 37         |          |
|                                        |                          |          |          |                           |            |            |            |          |          |                           |            |          |
| <b>2022 No Build</b>                   | <b>85</b>                | <b>0</b> | <b>0</b> | <b>0</b>                  | <b>65</b>  | <b>153</b> | <b>0</b>   | <b>0</b> | <b>0</b> | <b>0</b>                  | <b>37</b>  | <b>0</b> |
| <b>Rerouting Atrisco Vista Traffic</b> |                          |          |          |                           | <b>50</b>  |            |            |          |          |                           | <b>24</b>  |          |
| AA Entering                            | 0                        | 0        | 0        | 0                         | 42         | 0          | 0          | 0        | 0        | 0                         | 0          | 0        |
| AA Exiting                             | 0                        | 0        | 0        | 0                         | 0          | 0          | 0          | 0        | 0        | 0                         | 26         | 0        |
| SFH Entering                           | 0                        | 0        | 0        | 0                         | 159        | 0          | 0          | 0        | 0        | 0                         | 0          | 0        |
| SFH Exiting                            | 0                        | 0        | 0        | 0                         | 0          | 0          | 0          | 0        | 0        | 0                         | 92         | 0        |
| EMP Entering                           | 0                        | 0        | 0        | 0                         | 2          | 0          | 0          | 0        | 0        | 0                         | 0          | 0        |
| EMP Exiting                            | 0                        | 0        | 0        | 0                         | 0          | 0          | 0          | 0        | 0        | 0                         | 8          | 0        |
| <b>2022 Build</b>                      | <b>85</b>                | <b>0</b> | <b>0</b> | <b>0</b>                  | <b>319</b> | <b>153</b> | <b>0</b>   | <b>0</b> | <b>0</b> | <b>0</b>                  | <b>188</b> | <b>0</b> |
|                                        |                          |          |          |                           |            |            |            |          |          |                           |            |          |
|                                        |                          |          |          |                           |            |            |            |          |          |                           |            |          |

|             |      |  |      |  |      |  |      |
|-------------|------|--|------|--|------|--|------|
| <i>PHF</i>  | 0.85 |  | 0.85 |  | 0.90 |  | 0.25 |
| <i>HV %</i> | 2    |  | 2    |  | 2    |  | 2    |

|                           |      |      |      |      |       |      |      |      |      |      |       |      |               |
|---------------------------|------|------|------|------|-------|------|------|------|------|------|-------|------|---------------|
| growth rates              | 2.0% | 2.0% | 2.0% | 2.0% | 2.0%  | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0%  | 2.0% |               |
| Trip Distribution % Enter |      |      |      |      | 83.3% |      |      |      |      |      |       |      | Active Adult  |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 83.3% | 0.0% |               |
| Trip Distribution % Enter |      |      |      |      | 83.3% |      |      |      |      |      |       |      | Single Family |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 83.3% | 0.0% |               |
| Trip Distribution % Enter |      |      |      |      | 18.5% |      |      |      |      |      |       |      | Employment    |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 18.5% | 0.0% |               |

UPPER PETROGLYPHS  
EXISTING & PROJECTED TURNING MOVEMENTS

INTERSECTION: UNSER AND I-40 EB RAMPS

AM Peak Hour

|                         | Southbound<br>UNSER |       |       | Westbound<br>I-40 EB ON RAMP |      |       | Northbound<br>UNSER |      |       | Eastbound<br>I-40 EB ON AND OFF RAMP |      |       | 7:15 to 8:00 AM |
|-------------------------|---------------------|-------|-------|------------------------------|------|-------|---------------------|------|-------|--------------------------------------|------|-------|-----------------|
|                         | Left                | Thru  | Right | Left                         | Thru | Right | Left                | Thru | Right | Left                                 | Thru | Right |                 |
| Existing Volumes (2018) | 0                   | 1,175 | 901   | 0                            | 0    | 0     | 0                   | 769  | 812   | 113                                  | 0    | 82    |                 |
| Background Growth       | 0                   | 94    | 72    | 0                            | 0    | 0     | 0                   | 62   | 65    | 9                                    | 0    | 7     |                 |
|                         |                     |       |       |                              |      |       |                     |      |       |                                      |      |       |                 |
|                         |                     |       |       |                              |      |       |                     |      |       |                                      |      |       |                 |
| 2022 No Build           | 0                   | 1,269 | 973   | 0                            | 0    | 0     | 0                   | 831  | 877   | 122                                  | 0    | 89    |                 |
| AA Entering             | 0                   | 0     | 0     | 0                            | 0    | 0     | 0                   | 0    | 0     | 0                                    | 0    | 0     |                 |
| AA Exiting              | 0                   | 0     | 0     | 0                            | 0    | 0     | 0                   | 0    | 0     | 0                                    | 0    | 0     |                 |
| SFH Entering            | 0                   | 0     | 0     | 0                            | 0    | 0     | 0                   | 0    | 0     | 0                                    | 0    | 0     |                 |
| SFH Exiting             | 0                   | 0     | 0     | 0                            | 0    | 0     | 0                   | 0    | 0     | 0                                    | 0    | 0     |                 |
| EMP Entering            | 0                   | 0     | 0     | 0                            | 0    | 0     | 0                   | 0    | 0     | 0                                    | 0    | 0     |                 |
| EMP Exiting             | 0                   | 0     | 0     | 0                            | 0    | 0     | 0                   | 0    | 0     | 0                                    | 0    | 0     |                 |
| 2022 Build              | 0                   | 1,269 | 973   | 0                            | 0    | 0     | 0                   | 831  | 877   | 122                                  | 0    | 89    |                 |
|                         |                     |       |       |                              |      |       |                     |      |       |                                      |      |       |                 |
|                         |                     |       |       |                              |      |       |                     |      |       |                                      |      |       |                 |
| PHF                     | 0.93                |       |       | 0.93                         |      |       | 0.93                |      |       | 0.93                                 |      |       |                 |
| HV %                    |                     | 2     |       |                              | 2    |       |                     | 3    |       |                                      | 7.2  |       |                 |

PM Peak Hour

|                         | Southbound<br>UNSER |       |       | Westbound<br>I-40 EB ON RAMP |      |       | Northbound<br>UNSER |      |       | Eastbound<br>I-40 EB ON AND OFF RAMP |      |       | 16:30 to 17:15 |
|-------------------------|---------------------|-------|-------|------------------------------|------|-------|---------------------|------|-------|--------------------------------------|------|-------|----------------|
|                         | Left                | Thru  | Right | Left                         | Thru | Right | Left                | Thru | Right | Left                                 | Thru | Right |                |
| Existing Volumes (2018) | 0                   | 1,263 | 374   | 0                            | 0    | 0     | 0                   | 920  | 590   | 85                                   | 0    | 45    |                |
| Background Growth       | 0                   | 101   | 30    | 0                            | 0    | 0     | 0                   | 74   | 47    | 7                                    | 0    | 4     |                |
|                         |                     |       |       |                              |      |       |                     |      |       |                                      |      |       |                |
|                         |                     |       |       |                              |      |       |                     |      |       |                                      |      |       |                |
| 2022 No Build           | 0                   | 1,364 | 404   | 0                            | 0    | 0     | 0                   | 994  | 637   | 92                                   | 0    | 49    |                |
| AA Entering             | 0                   | 0     | 0     | 0                            | 0    | 0     | 0                   | 0    | 0     | 0                                    | 0    | 0     |                |
| AA Exiting              | 0                   | 0     | 0     | 0                            | 0    | 0     | 0                   | 0    | 0     | 0                                    | 0    | 0     |                |
| SFH Entering            | 0                   | 0     | 0     | 0                            | 0    | 0     | 0                   | 0    | 0     | 0                                    | 0    | 0     |                |
| SFH Exiting             | 0                   | 0     | 0     | 0                            | 0    | 0     | 0                   | 0    | 0     | 0                                    | 0    | 0     |                |
| EMP Entering            | 0                   | 0     | 0     | 0                            | 0    | 0     | 0                   | 0    | 0     | 0                                    | 0    | 0     |                |
| EMP Exiting             | 0                   | 0     | 0     | 0                            | 0    | 0     | 0                   | 0    | 0     | 2                                    | 0    | 0     |                |
| 2022 Build              | 0                   | 1,364 | 404   | 0                            | 0    | 0     | 0                   | 994  | 637   | 94                                   | 0    | 49    |                |
|                         |                     |       |       |                              |      |       |                     |      |       |                                      |      |       |                |
|                         |                     |       |       |                              |      |       |                     |      |       |                                      |      |       |                |
| PHF                     | 0.94                |       |       | 0.94                         |      |       | 0.94                |      |       | 0.94                                 |      |       |                |
| HV %                    |                     | 3     |       |                              | 2    |       |                     | 2    |       |                                      | 4    |       |                |

|                           |      |      |      |      |      |      |      |      |      |      |      |      |               |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|---------------|
| growth rates              | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |               |
| Trip Distribution % Enter |      |      |      |      |      |      |      |      |      |      |      |      | Active Adult  |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |               |
|                           |      |      |      |      |      |      |      |      |      |      |      |      |               |
| Trip Distribution % Enter |      |      |      |      |      |      |      |      |      |      |      |      | Single Family |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |               |
|                           |      |      |      |      |      |      |      |      |      |      |      |      |               |
| Trip Distribution % Enter |      |      |      |      |      |      |      |      |      |      |      |      | Employment    |
| Trip Distribution % Exit  | 0.0% | 0.0% |      | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 4.7% | 0.0% | 0.0% |               |

UPPER PETROGLYPHS  
EXISTING & PROJECTED TURNING MOVEMENTS

INTERSECTION: UNSER AND I-40 WB RAMPS

AM Peak Hour

|                         | Southbound<br>UNSER |       |       | Westbound<br>I-40 WB ON RAMP |      |       | Northbound<br>UNSER |      |       | Eastbound<br>I-40 WB OFF RAMP |      |       | 7 AM to 7:45 AM |
|-------------------------|---------------------|-------|-------|------------------------------|------|-------|---------------------|------|-------|-------------------------------|------|-------|-----------------|
|                         | Left                | Thru  | Right | Left                         | Thru | Right | Left                | Thru | Right | Left                          | Thru | Right |                 |
| Existing Volumes (2018) | 0                   | 2,140 | 161   | 322                          | 1    | 221   | 25                  | 825  | 0     | 0                             | 0    | 0     |                 |
| Background Growth       | 0                   | 171   | 13    | 26                           | 0    | 18    | 2                   | 66   | 0     | 0                             | 0    | 0     |                 |
|                         |                     |       |       |                              |      |       |                     |      |       |                               |      |       |                 |
|                         |                     |       |       |                              |      |       |                     |      |       |                               |      |       |                 |
| 2022 No Build           | 0                   | 2,311 | 174   | 348                          | 1    | 239   | 27                  | 891  | 0     | 0                             | 0    | 0     |                 |
| AA Entering             | 0                   | 0     | 0     | 0                            | 0    | 0     | 0                   | 0    | 0     | 0                             | 0    | 0     |                 |
| AA Exiting              | 0                   | 0     | 0     | 0                            | 0    | 0     | 0                   | 0    | 0     | 0                             | 0    | 0     |                 |
| SFH Entering            | 0                   | 0     | 0     | 0                            | 0    | 0     | 0                   | 0    | 0     | 0                             | 0    | 0     |                 |
| SFH Exiting             | 0                   | 0     | 0     | 0                            | 0    | 0     | 0                   | 0    | 0     | 0                             | 0    | 0     |                 |
| EMP Entering            | 0                   | 0     | 2     | 0                            | 0    | 0     | 0                   | 0    | 0     | 0                             | 0    | 0     |                 |
| EMP Exiting             | 0                   | 0     | 0     | 0                            | 0    | 0     | 0                   | 0    | 0     | 0                             | 0    | 0     |                 |
| 2022 Build              | 0                   | 2,311 | 176   | 348                          | 1    | 239   | 27                  | 891  | 0     | 0                             | 0    | 0     |                 |
|                         |                     |       |       |                              |      |       |                     |      |       |                               |      |       |                 |
|                         |                     |       |       |                              |      |       |                     |      |       |                               |      |       |                 |
| PHF                     | 0.97                |       |       | 0.97                         |      |       | 0.97                |      |       | 0.97                          |      |       |                 |
| HV %                    | 2                   |       |       | 5                            |      |       | 4                   |      |       | 2                             |      |       |                 |

PM Peak Hour

|                         | Southbound<br>UNSER |       |       | Westbound<br>I-40 WB ON RAMP |      |       | Northbound<br>UNSER |       |       | Eastbound<br>I-40 WB OFF RAMP |      |       | 16:30 to 15:15 |
|-------------------------|---------------------|-------|-------|------------------------------|------|-------|---------------------|-------|-------|-------------------------------|------|-------|----------------|
|                         | Left                | Thru  | Right | Left                         | Thru | Right | Left                | Thru  | Right | Left                          | Thru | Right |                |
| Existing Volumes (2018) | 0                   | 1,059 | 199   | 686                          | 5    | 1,392 | 46                  | 935   | 0     | 0                             | 0    | 0     |                |
| Background Growth       | 0                   | 85    | 16    | 55                           | 0    | 111   | 4                   | 75    | 0     | 0                             | 0    | 0     |                |
|                         |                     |       |       |                              |      |       |                     |       |       |                               |      |       |                |
|                         |                     |       |       |                              |      |       |                     |       |       |                               |      |       |                |
| 2022 No Build           | 0                   | 1,144 | 215   | 741                          | 5    | 1,503 | 50                  | 1,010 | 0     | 0                             | 0    | 0     |                |
| AA Entering             | 0                   | 0     | 0     | 0                            | 0    | 0     | 0                   | 0     | 0     | 0                             | 0    | 0     |                |
| AA Exiting              | 0                   | 0     | 0     | 0                            | 0    | 0     | 0                   | 0     | 0     | 0                             | 0    | 0     |                |
| SFH Entering            | 0                   | 0     | 0     | 0                            | 0    | 0     | 0                   | 0     | 0     | 0                             | 0    | 0     |                |
| SFH Exiting             | 0                   | 0     | 0     | 0                            | 0    | 0     | 0                   | 0     | 0     | 0                             | 0    | 0     |                |
| EMP Entering            | 0                   | 0     | 1     | 0                            | 0    | 0     | 0                   | 0     | 0     | 0                             | 0    | 0     |                |
| EMP Exiting             | 0                   | 0     | 0     | 0                            | 0    | 0     | 0                   | 0     | 0     | 0                             | 0    | 0     |                |
| 2022 Build              | 0                   | 1,144 | 215   | 741                          | 5    | 1,503 | 50                  | 1,010 | 0     | 0                             | 0    | 0     |                |
|                         |                     |       |       |                              |      |       |                     |       |       |                               |      |       |                |
|                         |                     |       |       |                              |      |       |                     |       |       |                               |      |       |                |
| PHF                     | 0.97                |       |       | 0.97                         |      |       | 0.97                |       |       | 0.97                          |      |       |                |
| HV %                    | 2                   |       |       | 2                            |      |       | 2                   |       |       | 2                             |      |       |                |

|                           |      |      |      |      |      |      |      |      |      |      |      |      |               |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|---------------|
| growth rates              | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |               |
| Trip Distribution % Enter |      |      |      |      |      |      |      |      |      |      |      |      | Active Adult  |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |               |
| Trip Distribution % Enter |      |      |      |      |      |      |      |      |      |      |      |      | Single Family |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |               |
| Trip Distribution % Enter |      |      | 4.7% |      |      |      |      |      |      |      |      |      | Employment    |
| Trip Distribution % Exit  | 0.0% | 0.0% |      | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |      | 0.0% | 0.0% |               |

UPPER PETROGLYPHS  
EXISTING & PROJECTED TURNING MOVEMENTS

INTERSECTION: UNSER AND LADERA

AM Peak Hour

|                         | Southbound<br>UNSER |       |       | Westbound<br>LADERA |      |       | Northbound<br>UNSER |      |       | Eastbound<br>LADERA |      |       |
|-------------------------|---------------------|-------|-------|---------------------|------|-------|---------------------|------|-------|---------------------|------|-------|
|                         | Left                | Thru  | Right | Left                | Thru | Right | Left                | Thru | Right | Left                | Thru | Right |
| Existing Volumes (2018) | 129                 | 1,397 | 63    | 451                 | 98   | 161   | 84                  | 698  | 241   | 273                 | 253  | 241   |
| Background Growth       | 10                  | 112   | 5     | 36                  | 8    | 13    | 7                   | 56   | 19    | 22                  | 20   | 19    |
|                         |                     |       |       |                     | 5    |       |                     |      |       |                     | 15   |       |
|                         |                     |       |       |                     |      |       |                     |      |       |                     |      |       |
| 2022 No Build           | 139                 | 1,509 | 68    | 487                 | 111  | 174   | 91                  | 754  | 260   | 295                 | 288  | 260   |
| AA Entering             | 0                   | 0     | 0     | 0                   | 2    | 0     | 0                   | 0    | 0     | 0                   | 0    | 0     |
| AA Exiting              | 0                   | 0     | 0     | 0                   | 0    | 0     | 0                   | 0    | 0     | 0                   | 4    | 0     |
| SFH Entering            | 0                   | 0     | 0     | 0                   | 5    | 0     | 0                   | 0    | 0     | 0                   | 0    | 0     |
| SFH Exiting             | 0                   | 0     | 0     | 0                   | 0    | 0     | 0                   | 0    | 0     | 0                   | 16   | 0     |
| EMP Entering            | 0                   | 1     | 0     | 1                   | 5    | 0     | 0                   | 0    | 0     | 0                   | 0    | 0     |
| EMP Exiting             | 0                   | 0     | 0     | 0                   | 0    | 0     | 0                   | 0    | 0     | 0                   | 1    | 0     |
| 2022 Build              | 139                 | 1,510 | 68    | 488                 | 123  | 174   | 91                  | 754  | 260   | 295                 | 309  | 260   |
|                         |                     |       |       |                     |      |       |                     |      |       |                     |      |       |
|                         |                     |       |       |                     |      |       |                     |      |       |                     |      |       |
| PHF                     | 0.90                |       |       | 0.90                |      |       | 0.90                |      |       | 0.90                |      |       |
| HV %                    | 2                   |       |       | 2                   |      |       | 5                   |      |       | 2                   |      |       |

PM Peak Hour

|                         | Southbound<br>UNSER |      |       | Westbound<br>LADERA |      |       | Northbound<br>UNSER |       |       | Eastbound<br>LADERA |      |       |
|-------------------------|---------------------|------|-------|---------------------|------|-------|---------------------|-------|-------|---------------------|------|-------|
|                         | Left                | Thru | Right | Left                | Thru | Right | Left                | Thru  | Right | Left                | Thru | Right |
| Existing Volumes (2018) | 199                 | 753  | 163   | 308                 | 288  | 217   | 277                 | 1,249 | 257   | 154                 | 196  | 133   |
| Background Growth       | 16                  | 60   | 13    | 25                  | 23   | 17    | 22                  | 100   | 21    | 12                  | 16   | 11    |
|                         |                     |      |       |                     | 17   |       |                     |       |       |                     | 10   |       |
|                         |                     |      |       |                     |      |       |                     |       |       |                     |      |       |
| 2022 No Build           | 215                 | 813  | 176   | 333                 | 328  | 234   | 299                 | 1,349 | 278   | 166                 | 222  | 144   |
| AA Entering             | 0                   | 0    | 0     | 0                   | 5    | 0     | 0                   | 0     | 0     | 0                   | 0    | 0     |
| AA Exiting              | 0                   | 0    | 0     | 0                   | 0    | 0     | 0                   | 0     | 0     | 0                   | 3    | 0     |
| SFH Entering            | 0                   | 0    | 0     | 0                   | 18   | 0     | 0                   | 0     | 0     | 0                   | 0    | 0     |
| SFH Exiting             | 0                   | 0    | 0     | 0                   | 0    | 0     | 0                   | 0     | 0     | 0                   | 11   | 0     |
| EMP Entering            | 0                   | 0    | 0     | 0                   | 1    | 0     | 0                   | 0     | 0     | 0                   | 0    | 0     |
| EMP Exiting             | 0                   | 0    | 0     | 0                   | 0    | 0     | 0                   | 1     | 1     | 0                   | 5    | 0     |
| 2022 Build              | 215                 | 813  | 176   | 333                 | 352  | 234   | 299                 | 1,350 | 279   | 166                 | 240  | 144   |
|                         |                     |      |       |                     |      |       |                     |       |       |                     |      |       |
|                         |                     |      |       |                     |      |       |                     |       |       |                     |      |       |
| PHF                     | 0.95                |      |       | 0.95                |      |       | 0.95                |       |       | 0.95                |      |       |
| HV %                    | 2                   |      |       | 2                   |      |       | 2                   |       |       | 2                   |      |       |

|                           |      |      |      |      |       |      |      |      |      |      |       |      |               |
|---------------------------|------|------|------|------|-------|------|------|------|------|------|-------|------|---------------|
| growth rates              | 2.0% | 2.0% | 2.0% | 2.0% | 2.0%  | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0%  | 2.0% |               |
| Trip Distribution % Enter |      |      |      |      | 9.5%  |      |      |      |      |      |       |      | Active Adult  |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 9.5%  | 0.0% |               |
| Trip Distribution % Enter |      |      |      |      | 9.5%  |      |      |      |      |      |       |      | Single Family |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 9.5%  | 0.0% |               |
| Trip Distribution % Enter |      | 1.9% |      | 2.8% | 11.0% |      |      |      |      |      |       |      | Employment    |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 1.9% | 2.8% | 0.0% | 11.0% | 0.0% |               |

UPPER PETROGLYPHS  
EXISTING & PROJECTED TURNING MOVEMENTS

INTERSECTION: UNSER AND TIERRA PINTADA

AM Peak Hour

|                         | Southbound<br>UNSER |       |       | Westbound<br>TIERRA PINTADA |      |       | Northbound<br>UNSER |      |       | Eastbound<br>TIERRA PINTADA |      |       |
|-------------------------|---------------------|-------|-------|-----------------------------|------|-------|---------------------|------|-------|-----------------------------|------|-------|
|                         | Left                | Thru  | Right | Left                        | Thru | Right | Left                | Thru | Right | Left                        | Thru | Right |
| Existing Volumes (2018) | 63                  | 1,270 | 96    | 48                          | 11   | 18    | 109                 | 904  | 27    | 198                         | 11   | 332   |
| Background Growth       | 5                   | 102   | 8     | 4                           | 1    | 1     | 9                   | 72   | 2     | 16                          | 1    | 27    |
| Inspiration             |                     |       | 5     |                             |      |       |                     |      |       | 10                          |      |       |
|                         |                     |       |       |                             |      |       |                     |      |       |                             |      |       |
| 2022 No Build           | 68                  | 1,372 | 109   | 52                          | 12   | 19    | 118                 | 976  | 29    | 224                         | 12   | 359   |
| AA Entering             | 0                   | 0     | 1     | 0                           | 0    | 0     | 0                   | 0    | 0     | 0                           | 0    | 0     |
| AA Exiting              | 0                   | 0     | 0     | 0                           | 0    | 0     | 0                   | 0    | 0     | 2                           | 0    | 0     |
| SFH Entering            | 0                   | 0     | 3     | 0                           | 0    | 0     | 0                   | 0    | 0     | 0                           | 0    | 0     |
| SFH Exiting             | 0                   | 0     | 0     | 0                           | 0    | 0     | 0                   | 0    | 0     | 8                           | 0    | 0     |
| EMP Entering            | 0                   | 1     | 3     | 0                           | 0    | 0     | 0                   | 0    | 0     | 0                           | 0    | 0     |
| EMP Exiting             | 0                   | 0     | 0     | 0                           | 0    | 0     | 0                   | 0    | 0     | 0                           | 0    | 0     |
| 2022 Build              | 68                  | 1,372 | 116   | 52                          | 12   | 19    | 118                 | 976  | 29    | 234                         | 12   | 359   |
|                         |                     |       |       |                             |      |       |                     |      |       |                             |      |       |
|                         |                     |       |       |                             |      |       |                     |      |       |                             |      |       |
| PHF                     | 0.92                |       |       | 0.92                        |      |       | 0.92                |      |       | 0.92                        |      |       |
| HV %                    |                     | 2     |       |                             | 2    |       |                     | 5    |       |                             | 2    |       |

PM Peak Hour

|                         | Southbound<br>UNSER |      |       | Westbound<br>TIERRA PINTADA |      |       | Northbound<br>UNSER |       |       | Eastbound<br>TIERRA PINTADA |      |       |
|-------------------------|---------------------|------|-------|-----------------------------|------|-------|---------------------|-------|-------|-----------------------------|------|-------|
|                         | Left                | Thru | Right | Left                        | Thru | Right | Left                | Thru  | Right | Left                        | Thru | Right |
| Existing Volumes (2018) | 60                  | 785  | 138   | 141                         | 57   | 98    | 270                 | 1,225 | 108   | 122                         | 28   | 107   |
| Background Growth       | 5                   | 63   | 11    | 11                          | 5    | 8     | 22                  | 98    | 9     | 10                          | 2    | 9     |
| Inspiration             |                     |      | 17    |                             |      |       |                     |       |       | 10                          |      |       |
|                         |                     |      |       |                             |      |       |                     |       |       |                             |      |       |
| 2022 No Build           | 65                  | 848  | 166   | 152                         | 62   | 106   | 292                 | 1,323 | 117   | 142                         | 30   | 116   |
| AA Entering             | 0                   | 0    | 2     | 0                           | 0    | 0     | 0                   | 0     | 0     | 0                           | 0    | 0     |
| AA Exiting              | 0                   | 0    | 0     | 0                           | 0    | 0     | 0                   | 0     | 0     | 1                           | 0    | 0     |
| SFH Entering            | 0                   | 0    | 9     | 0                           | 0    | 0     | 0                   | 0     | 0     | 0                           | 0    | 0     |
| SFH Exiting             | 0                   | 0    | 0     | 0                           | 0    | 0     | 0                   | 0     | 0     | 5                           | 0    | 0     |
| EMP Entering            | 0                   | 0    | 1     | 0                           | 0    | 0     | 0                   | 0     | 0     | 0                           | 0    | 0     |
| EMP Exiting             | 0                   | 0    | 0     | 0                           | 0    | 0     | 0                   | 1     | 0     | 3                           | 0    | 0     |
| 2022 Build              | 65                  | 848  | 178   | 152                         | 62   | 106   | 292                 | 1,324 | 117   | 152                         | 30   | 116   |
|                         |                     |      |       |                             |      |       |                     |       |       |                             |      |       |
|                         |                     |      |       |                             |      |       |                     |       |       |                             |      |       |
| PHF                     | 0.94                |      |       | 0.94                        |      |       | 0.94                |       |       | 0.94                        |      |       |
| HV %                    |                     | 2    |       |                             | 2    |       |                     | 2     |       |                             | 2    |       |

|                           |      |      |      |      |      |      |      |      |      |      |      |      |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| growth rates              | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| Trip Distribution % Enter |      |      | 4.7% |      |      |      |      |      |      |      |      |      |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 4.7% | 0.0% | 0.0% |
|                           |      |      |      |      |      |      |      |      |      |      |      |      |
| Trip Distribution % Enter |      |      | 4.7% |      |      |      |      |      |      |      |      |      |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 4.7% | 0.0% | 0.0% |
|                           |      |      |      |      |      |      |      |      |      |      |      |      |
| Trip Distribution % Enter |      | 1.9% | 7.5% |      |      |      |      |      |      |      |      |      |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 1.9% | 0.0% | 7.5% | 0.0% | 0.0% |

**UPPER PETROGLYPHS**  
**EXISTING & PROJECTED TURNING MOVEMENTS**

**INTERSECTION: ARROYO VISTA AND DEL WEBB**

AM Peak Hour

|                                 | Southbound<br>ARROYO VISTA |      |       | Westbound<br>Del Webb |      |       | Northbound<br>ARROYO VISTA |      |       | Eastbound<br>Del Webb |      |       |
|---------------------------------|----------------------------|------|-------|-----------------------|------|-------|----------------------------|------|-------|-----------------------|------|-------|
|                                 | Left                       | Thru | Right | Left                  | Thru | Right | Left                       | Thru | Right | Left                  | Thru | Right |
| Existing Volumes (2017)         |                            |      |       |                       |      |       |                            |      |       |                       |      |       |
| Background Growth               |                            |      |       |                       |      |       |                            |      |       |                       |      |       |
|                                 |                            |      |       |                       |      |       |                            |      |       |                       |      |       |
| 2022 No Build                   | 0                          | 0    | 0     | 0                     | 0    | 0     | 0                          | 0    | 0     | 0                     | 0    | 0     |
| Rerouting Atrisco Vista Traffic |                            |      |       |                       | 28   |       |                            |      |       |                       | 51   |       |
| AA Entering                     | 0                          | 0    | 0     | 21                    | 0    | 0     | 0                          | 0    | 0     | 0                     | 0    | 4     |
| AA Exiting                      | 0                          | 0    | 0     | 0                     | 0    | 0     | 8                          | 0    | 37    | 0                     | 0    | 0     |
| SFH Entering                    | 0                          | 0    | 0     | 0                     | 47   | 0     | 0                          | 0    | 0     | 0                     | 0    | 0     |
| SFH Exiting                     | 0                          | 0    | 0     | 0                     | 0    | 0     | 0                          | 0    | 0     | 0                     | 140  | 0     |
| EMP Entering                    | 0                          | 0    | 0     | 0                     | 8    | 0     | 0                          | 0    | 0     | 0                     | 0    | 0     |
| EMP Exiting                     | 0                          | 0    | 0     | 0                     | 0    | 0     | 0                          | 0    | 0     | 0                     | 1    | 0     |
| 2022 Build                      | 0                          | 0    | 0     | 21                    | 83   | 0     | 8                          | 0    | 37    | 0                     | 191  | 4     |
|                                 |                            |      |       |                       |      |       |                            |      |       |                       |      |       |
|                                 |                            |      |       |                       |      |       |                            |      |       |                       |      |       |

|      |      |  |      |  |      |  |      |
|------|------|--|------|--|------|--|------|
| PHF  | 0.95 |  | 0.95 |  | 0.95 |  | 0.95 |
| HV % | 2    |  | 2    |  | 2    |  | 2    |

PM Peak Hour

|                                 | Southbound<br>ARROYO VISTA |      |       | Westbound<br>Del Webb |      |       | Northbound<br>ARROYO VISTA |      |       | Eastbound<br>Del Webb |      |       |
|---------------------------------|----------------------------|------|-------|-----------------------|------|-------|----------------------------|------|-------|-----------------------|------|-------|
|                                 | Left                       | Thru | Right | Left                  | Thru | Right | Left                       | Thru | Right | Left                  | Thru | Right |
| Existing Volumes (2017)         |                            |      |       |                       |      |       |                            |      |       |                       |      |       |
| Background Growth               |                            |      |       |                       |      |       |                            |      |       |                       |      |       |
|                                 |                            |      |       |                       |      |       |                            |      |       |                       |      |       |
| 2022 No Build                   | 0                          | 0    | 0     | 0                     | 0    | 0     | 0                          | 0    | 0     | 0                     | 0    | 0     |
| Rerouting Atrisco Vista Traffic |                            |      |       |                       | 50   |       |                            |      |       |                       | 24   |       |
| AA Entering                     | 0                          | 0    | 0     | 42                    | 0    | 0     | 0                          | 0    | 0     | 0                     | 0    | 8     |
| AA Exiting                      | 0                          | 0    | 0     | 0                     | 0    | 0     | 5                          | 0    | 26    | 0                     | 0    | 0     |
| SFH Entering                    | 0                          | 0    | 0     | 0                     | 159  | 0     | 0                          | 0    | 0     | 0                     | 0    | 0     |
| SFH Exiting                     | 0                          | 0    | 0     | 0                     | 0    | 0     | 0                          | 0    | 0     | 0                     | 92   | 0     |
| EMP Entering                    | 0                          | 0    | 0     | 0                     | 2    | 0     | 0                          | 0    | 0     | 0                     | 0    | 0     |
| EMP Exiting                     | 0                          | 0    | 0     | 0                     | 0    | 0     | 0                          | 0    | 0     | 0                     | 8    | 0     |
| 2022 Build                      | 0                          | 0    | 0     | 42                    | 211  | 0     | 5                          | 0    | 26    | 0                     | 125  | 8     |
|                                 |                            |      |       |                       |      |       |                            |      |       |                       |      |       |
|                                 |                            |      |       |                       |      |       |                            |      |       |                       |      |       |

|      |      |  |      |  |      |  |      |
|------|------|--|------|--|------|--|------|
| PHF  | 0.95 |  | 0.95 |  | 0.95 |  | 0.95 |
| HV % | 2    |  | 2    |  | 2    |  | 2    |

|                           |      |      |      |       |       |      |       |      |       |      |       |       |               |
|---------------------------|------|------|------|-------|-------|------|-------|------|-------|------|-------|-------|---------------|
| growth rates              | 2.0% | 2.0% | 2.0% | 2.0%  | 2.0%  | 2.0% | 2.0%  | 2.0% | 2.0%  | 2.0% | 2.0%  | 2.0%  |               |
| Trip Distribution % Enter |      |      |      | 83.3% |       |      |       |      |       |      |       | 16.7% | Active Adult  |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0%  | 0.0% | 16.7% | 0.0% | 83.3% | 0.0% | 0.0%  | 0.0%  |               |
|                           |      |      |      |       |       |      |       |      |       |      |       |       |               |
| Trip Distribution % Enter |      |      |      |       | 83.2% |      |       |      |       |      |       |       | Single Family |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0%  | 0.0% | 0.0%  | 0.0% | 0.0%  | 0.0% | 83.2% | 0.0%  |               |
|                           |      |      |      |       |       |      |       |      |       |      |       |       |               |
| Trip Distribution % Enter |      |      |      |       | 18.5% |      |       |      |       |      |       |       | Employment    |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0%  | 0.0% | 0.0%  | 0.0% | 0.0%  | 0.0% | 18.5% | 0.0%  |               |

UPPER PETROGLYPHS  
EXISTING & PROJECTED TURNING MOVEMENTS

INTERSECTION: ARROYO VISTA AND ESTANCIA PARKWAY

AM Peak Hour

|                                 | Southbound<br>ARROYO VISTA |      |       | Westbound<br>Estancia |      |       | Northbound<br>ARROYO VISTA |      |       | Eastbound<br>Estancia |      |       |
|---------------------------------|----------------------------|------|-------|-----------------------|------|-------|----------------------------|------|-------|-----------------------|------|-------|
|                                 | Left                       | Thru | Right | Left                  | Thru | Right | Left                       | Thru | Right | Left                  | Thru | Right |
| Existing Volumes (2017)         |                            |      |       |                       |      |       |                            |      |       |                       |      |       |
| Background Growth               |                            |      |       |                       |      |       |                            |      |       |                       |      |       |
|                                 |                            |      |       |                       |      |       |                            |      |       |                       |      |       |
| 2022 No Build                   | 0                          | 0    | 0     | 0                     | 0    | 0     | 0                          | 0    | 0     | 0                     | 0    | 0     |
| Rerouting Atrisco Vista Traffic |                            |      |       |                       | 28   |       |                            |      |       |                       | 51   |       |
| AA Entering                     | 0                          | 0    | 0     | 0                     | 0    | 0     | 0                          | 0    | 0     | 0                     | 4    | 0     |
| AA Exiting                      | 0                          | 0    | 0     | 0                     | 8    | 0     | 0                          | 0    | 0     | 0                     | 0    | 0     |
| SFH Entering                    | 0                          | 0    | 0     | 47                    | 0    | 0     | 0                          | 0    | 0     | 0                     | 0    | 10    |
| SFH Exiting                     | 0                          | 0    | 0     | 0                     | 0    | 0     | 28                         | 0    | 140   | 0                     | 0    | 0     |
| EMP Entering                    | 0                          | 0    | 0     | 0                     | 8    | 0     | 0                          | 0    | 0     | 0                     | 0    | 0     |
| EMP Exiting                     | 0                          | 0    | 0     | 0                     | 0    | 0     | 0                          | 0    | 0     | 0                     | 1    | 0     |
| 2022 Build                      | 0                          | 0    | 0     | 47                    | 43   | 0     | 28                         | 0    | 140   | 0                     | 56   | 10    |
|                                 |                            |      |       |                       |      |       |                            |      |       |                       |      |       |
|                                 |                            |      |       |                       |      |       |                            |      |       |                       |      |       |
| PHF                             | 0.92                       |      |       | 0.92                  |      |       | 0.92                       |      |       | 0.92                  |      |       |
| HV %                            |                            | 2    |       |                       | 2    |       |                            | 2    |       |                       | 2    |       |

PM Peak Hour

|                                 | Southbound<br>ARROYO VISTA |      |       | Westbound<br>Estancia |      |       | Northbound<br>ARROYO VISTA |      |       | Eastbound<br>Estancia |      |       |
|---------------------------------|----------------------------|------|-------|-----------------------|------|-------|----------------------------|------|-------|-----------------------|------|-------|
|                                 | Left                       | Thru | Right | Left                  | Thru | Right | Left                       | Thru | Right | Left                  | Thru | Right |
| Existing Volumes (2017)         |                            |      |       |                       |      |       |                            |      |       |                       |      |       |
| Background Growth               |                            |      |       |                       |      |       |                            |      |       |                       |      |       |
|                                 |                            |      |       |                       |      |       |                            |      |       |                       |      |       |
| 2022 No Build                   | 0                          | 0    | 0     | 0                     | 0    | 0     | 0                          | 0    | 0     | 0                     | 0    | 0     |
| Rerouting Atrisco Vista Traffic |                            |      |       |                       | 50   |       |                            |      |       |                       | 24   |       |
| AA Entering                     | 0                          | 0    | 0     | 0                     | 0    | 0     | 0                          | 0    | 0     | 0                     | 8    | 0     |
| AA Exiting                      | 0                          | 0    | 0     | 0                     | 5    | 0     | 0                          | 0    | 0     | 0                     | 0    | 0     |
| SFH Entering                    | 0                          | 0    | 0     | 159                   | 0    | 0     | 0                          | 0    | 0     | 0                     | 0    | 32    |
| SFH Exiting                     | 0                          | 0    | 0     | 0                     | 0    | 0     | 19                         | 0    | 92    | 0                     | 0    | 0     |
| EMP Entering                    | 0                          | 0    | 0     | 0                     | 2    | 0     | 0                          | 0    | 0     | 0                     | 0    | 0     |
| EMP Exiting                     | 0                          | 0    | 0     | 0                     | 0    | 0     | 0                          | 0    | 0     | 0                     | 8    | 0     |
| 2022 Build                      | 0                          | 0    | 0     | 159                   | 58   | 0     | 19                         | 0    | 92    | 0                     | 41   | 32    |
|                                 |                            |      |       |                       |      |       |                            |      |       |                       |      |       |
|                                 |                            |      |       |                       |      |       |                            |      |       |                       |      |       |
| PHF                             | 0.92                       |      |       | 0.92                  |      |       | 0.92                       |      |       | 0.92                  |      |       |
| HV %                            |                            | 2    |       |                       | 2    |       |                            | 2    |       |                       | 2    |       |

|                           |      |      |      |       |       |      |       |      |       |      |       |       |
|---------------------------|------|------|------|-------|-------|------|-------|------|-------|------|-------|-------|
| growth rates              | 2.0% | 2.0% | 2.0% | 2.0%  | 2.0%  | 2.0% | 2.0%  | 2.0% | 2.0%  | 2.0% | 2.0%  | 2.0%  |
| Trip Distribution % Enter |      |      |      |       |       |      |       |      |       |      | 16.7% |       |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0%  | 16.7% | 0.0% | 0.0%  | 0.0% | 0.0%  | 0.0% | 0.0%  | 0.0%  |
| Trip Distribution % Enter |      |      |      | 83.2% |       |      |       |      |       |      |       | 16.8% |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0%  | 0.0% | 16.8% | 0.0% | 83.2% | 0.0% | 0.0%  | 0.0%  |
| Trip Distribution % Enter |      |      |      |       | 18.5% |      |       |      |       |      |       |       |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0%  | 0.0% | 0.0%  | 0.0% | 0.0%  | 0.0% | 18.5% | 0.0%  |

UPPER PETROGLYPHS  
EXISTING & PROJECTED TURNING MOVEMENTS

INTERSECTION: ATRISCO VISTA ARROYO VISTA

AM Peak Hour

|                                 |                   | Southbound<br>ATRISCO VISTA |      |       | Westbound<br>Arroyo Vista |      |       | Northbound<br>ATRISCO VISTA |      |       | Eastbound<br>Arroyo Vista |      |       |
|---------------------------------|-------------------|-----------------------------|------|-------|---------------------------|------|-------|-----------------------------|------|-------|---------------------------|------|-------|
|                                 |                   | Left                        | Thru | Right | Left                      | Thru | Right | Left                        | Thru | Right | Left                      | Thru | Right |
| Existing Volumes (2017)         |                   |                             |      |       |                           |      |       |                             |      |       |                           |      |       |
|                                 | Background Growth |                             |      |       |                           |      |       |                             |      |       |                           |      |       |
|                                 |                   |                             |      |       |                           |      |       |                             |      |       |                           |      |       |
|                                 |                   |                             |      |       |                           |      |       |                             |      |       |                           |      |       |
| 2022 No Build                   |                   | 0                           | 0    | 0     | 0                         | 0    | 0     | 0                           | 0    | 0     | 0                         | 0    | 0     |
| Rerouting Atrisco Vista Traffic |                   | 51                          | 168  |       |                           |      | 28    |                             | 85   |       |                           |      |       |
|                                 | AA Entering       | 1                           | 0    | 0     | 0                         | 0    | 0     | 0                           | 3    | 0     | 0                         | 0    | 0     |
|                                 | AA Exiting        | 0                           | 0    | 0     | 5                         | 0    | 2     | 0                           | 0    | 0     | 0                         | 0    | 0     |
|                                 | SFH Entering      | 3                           | 0    | 0     | 0                         | 0    | 0     | 0                           | 7    | 0     | 0                         | 0    | 0     |
|                                 | SFH Exiting       | 0                           | 0    | 0     | 20                        | 0    | 8     | 0                           | 0    | 0     | 0                         | 0    | 0     |
|                                 | EMP Entering      | 0                           | 3    | 0     | 8                         | 0    | 0     | 0                           | 0    | 0     | 0                         | 0    | 0     |
|                                 | EMP Exiting       | 0                           | 0    | 0     | 0                         | 0    | 0     | 0                           | 1    | 0     | 0                         | 0    | 0     |
| 2022 Build                      |                   | 55                          | 171  | 0     | 33                        | 0    | 39    | 0                           | 86   | 11    | 0                         | 0    | 0     |
|                                 |                   |                             |      |       |                           |      |       |                             |      |       |                           |      |       |
|                                 |                   |                             |      |       |                           |      |       |                             |      |       |                           |      |       |
|                                 |                   |                             |      |       |                           |      |       |                             |      |       |                           |      |       |
| PHF                             |                   | 0.92                        |      |       | 0.92                      |      |       | 0.92                        |      |       | 0.92                      |      |       |
| HV %                            |                   | 2                           |      |       | 2                         |      |       | 2                           |      |       | 2                         |      |       |

UPPER PETROGLYPHS  
EXISTING & PROJECTED TURNING MOVEMENTS

INTERSECTION: ATRISCO VISTA AND 118TH STREET

AM Peak Hour

| Southbound<br>ATRISCO VISTA     |      |       | Westbound<br>118th Street |      |       | Northbound<br>ATRISCO VISTA |      |       | Eastbound<br>118th Street |      |       |
|---------------------------------|------|-------|---------------------------|------|-------|-----------------------------|------|-------|---------------------------|------|-------|
| Left                            | Thru | Right | Left                      | Thru | Right | Left                        | Thru | Right | Left                      | Thru | Right |
| Existing Volumes (2017)         |      |       |                           |      |       |                             |      |       |                           |      |       |
| Background Growth               |      |       |                           |      |       |                             |      |       |                           |      |       |
|                                 |      |       |                           |      |       |                             |      |       |                           |      |       |
| 2022 No Build                   |      |       |                           |      |       |                             |      |       |                           |      |       |
| Rerouting Atrisco Vista Traffic |      |       |                           |      |       |                             |      |       |                           |      |       |
| AA Entering                     | 0    | 0     | 0                         | 0    | 0     | 0                           | 3    | 0     | 0                         | 0    | 0     |
| AA Exiting                      | 0    | 5     | 0                         | 0    | 0     | 0                           | 0    | 0     | 0                         | 0    | 0     |
| SFH Entering                    | 0    | 0     | 0                         | 0    | 0     | 0                           | 7    | 0     | 0                         | 0    | 0     |
| SFH Exiting                     | 0    | 20    | 0                         | 0    | 0     | 0                           | 0    | 0     | 0                         | 0    | 0     |
| EMP Entering                    | 0    | 11    | 0                         | 0    | 0     | 0                           | 0    | 0     | 0                         | 0    | 0     |
| EMP Exiting                     | 0    | 0     | 0                         | 0    | 0     | 0                           | 2    | 0     | 0                         | 0    | 0     |
| 2022 Build                      |      |       |                           |      |       |                             |      |       |                           |      |       |
|                                 |      |       |                           |      |       |                             |      |       |                           |      |       |
|                                 |      |       |                           |      |       |                             |      |       |                           |      |       |

PHF 0.92 0.92 0.92 0.92  
HV % 2 2 2 2

PM Peak Hour

| Southbound<br>ATRISCO VISTA     |      |       | Westbound<br>118th Street |      |       | Northbound<br>ATRISCO VISTA |      |       | Eastbound<br>118th Street |      |       |
|---------------------------------|------|-------|---------------------------|------|-------|-----------------------------|------|-------|---------------------------|------|-------|
| Left                            | Thru | Right | Left                      | Thru | Right | Left                        | Thru | Right | Left                      | Thru | Right |
| Existing Volumes (2017)         |      |       |                           |      |       |                             |      |       |                           |      |       |
| Background Growth               |      |       |                           |      |       |                             |      |       |                           |      |       |
|                                 |      |       |                           |      |       |                             |      |       |                           |      |       |
| 2022 No Build                   |      |       |                           |      |       |                             |      |       |                           |      |       |
| Rerouting Atrisco Vista Traffic |      |       |                           |      |       |                             |      |       |                           |      |       |
| AA Entering                     | 0    | 0     | 0                         | 0    | 0     | 0                           | 6    | 0     | 0                         | 0    | 0     |
| AA Exiting                      | 0    | 4     | 0                         | 0    | 0     | 0                           | 0    | 0     | 0                         | 0    | 0     |
| SFH Entering                    | 0    | 0     | 0                         | 0    | 0     | 0                           | 23   | 0     | 0                         | 0    | 0     |
| SFH Exiting                     | 0    | 13    | 0                         | 0    | 0     | 0                           | 0    | 0     | 0                         | 0    | 0     |
| EMP Entering                    | 0    | 3     | 0                         | 0    | 0     | 0                           | 0    | 0     | 0                         | 0    | 0     |
| EMP Exiting                     | 0    | 0     | 0                         | 0    | 0     | 0                           | 12   | 0     | 0                         | 0    | 0     |
| 2022 Build                      |      |       |                           |      |       |                             |      |       |                           |      |       |
|                                 |      |       |                           |      |       |                             |      |       |                           |      |       |
|                                 |      |       |                           |      |       |                             |      |       |                           |      |       |

PHF 0.92 0.92 0.92 0.92  
HV % 2 2 2 2

|                           |      |       |      |      |      |      |       |      |      |      |      |      |
|---------------------------|------|-------|------|------|------|------|-------|------|------|------|------|------|
| growth rates              | 2.0% | 2.0%  | 2.0% | 2.0% | 2.0% | 2.0% | 2.0%  | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |
| Trip Distribution % Enter |      |       |      |      |      |      | 11.7% |      |      |      |      |      |
| Trip Distribution % Exit  | 0.0% | 11.7% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
|                           |      |       |      |      |      |      |       |      |      |      |      |      |
| Trip Distribution % Enter |      |       |      |      |      |      | 11.8% |      |      |      |      |      |
| Trip Distribution % Exit  | 0.0% | 11.8% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
|                           |      |       |      |      |      |      |       |      |      |      |      |      |
| Trip Distribution % Enter |      | 26.8% |      |      |      |      |       |      |      |      |      |      |
| Trip Distribution % Exit  | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 26.8% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |

**UPPER PETROGLYPHS**  
**EXISTING & PROJECTED TURNING MOVEMENTS**

**INTERSECTION: ATRISCO VISTA AND PARCEL 23 ENTRANCE (FULL ACCESS T)**

AM Peak Hour

|                                 | Southbound<br>ATRISCO VISTA |      |       | Westbound<br>Parcel 23 |      |       | Northbound<br>ATRISCO VISTA |      |       | Eastbound<br>Parcel 23 |      |       |
|---------------------------------|-----------------------------|------|-------|------------------------|------|-------|-----------------------------|------|-------|------------------------|------|-------|
|                                 | Left                        | Thru | Right | Left                   | Thru | Right | Left                        | Thru | Right | Left                   | Thru | Right |
| Existing Volumes (2017)         |                             |      |       |                        |      |       |                             |      |       |                        |      |       |
| Background Growth               |                             |      |       |                        |      |       |                             |      |       |                        |      |       |
|                                 |                             |      |       |                        |      |       |                             |      |       |                        |      |       |
| 2022 No Build                   | 0                           | 0    | 0     | 0                      | 0    | 0     | 0                           | 0    | 0     | 0                      | 0    | 0     |
| Rerouting Atrisco Vista Traffic |                             | 168  |       |                        |      |       |                             | 85   |       |                        |      |       |
| AA Entering                     | 0                           | 0    | 0     | 0                      | 0    | 0     | 0                           | 3    | 0     | 0                      | 0    | 0     |
| AA Exiting                      | 0                           | 5    | 0     | 0                      | 0    | 0     | 0                           | 0    | 0     | 0                      | 0    | 0     |
| SFH Entering                    | 0                           | 0    | 0     | 0                      | 0    | 0     | 0                           | 7    | 0     | 0                      | 0    | 0     |
| SFH Exiting                     | 0                           | 20   | 0     | 0                      | 0    | 0     | 0                           | 0    | 0     | 0                      | 0    | 0     |
| EMP Entering                    | 0                           | 11   | 0     | 0                      | 0    | 0     | 0                           | 0    | 0     | 0                      | 0    | 0     |
| EMP Exiting                     | 0                           | 0    | 0     | 0                      | 0    | 0     | 0                           | 2    | 0     | 0                      | 0    | 0     |
| 2022 Build                      | 0                           | 204  | 0     | 0                      | 0    | 0     | 0                           | 97   | 0     | 0                      | 0    | 0     |
|                                 |                             |      |       |                        |      |       |                             |      |       |                        |      |       |
|                                 |                             |      |       |                        |      |       |                             |      |       |                        |      |       |
| PHF                             | 0.92                        |      |       | 0.92                   |      |       | 0.92                        |      |       | 0.92                   |      |       |
| HV %                            |                             | 2    |       |                        | 2    |       |                             | 2    |       |                        | 2    |       |

PM Peak Hour

|                                 | Southbound<br>ATRISCO VISTA |      |       | Westbound<br>Parcel 23 |      |       | Northbound<br>ATRISCO VISTA |      |       | Eastbound<br>Parcel 23 |      |       |
|---------------------------------|-----------------------------|------|-------|------------------------|------|-------|-----------------------------|------|-------|------------------------|------|-------|
|                                 | Left                        | Thru | Right | Left                   | Thru | Right | Left                        | Thru | Right | Left                   | Thru | Right |
| Existing Volumes (2017)         |                             |      |       |                        |      |       |                             |      |       |                        |      |       |
| Background Growth               |                             |      |       |                        |      |       |                             |      |       |                        |      |       |
|                                 |                             |      |       |                        |      |       |                             |      |       |                        |      |       |
| 2022 No Build                   | 0                           | 0    | 0     | 0                      | 0    | 0     | 0                           | 0    | 0     | 0                      | 0    | 0     |
| Rerouting Atrisco Vista Traffic |                             | 85   |       |                        |      |       |                             | 178  |       |                        |      |       |
| AA Entering                     | 0                           | 0    | 0     | 0                      | 0    | 0     | 0                           | 6    | 0     | 0                      | 0    | 0     |
| AA Exiting                      | 0                           | 4    | 0     | 0                      | 0    | 0     | 0                           | 0    | 0     | 0                      | 0    | 0     |
| SFH Entering                    | 0                           | 0    | 0     | 0                      | 0    | 0     | 0                           | 23   | 0     | 0                      | 0    | 0     |
| SFH Exiting                     | 0                           | 13   | 0     | 0                      | 0    | 0     | 0                           | 0    | 0     | 0                      | 0    | 0     |
| EMP Entering                    | 0                           | 3    | 0     | 0                      | 0    | 0     | 0                           | 0    | 0     | 0                      | 0    | 0     |
| EMP Exiting                     | 0                           | 0    | 0     | 0                      | 0    | 0     | 0                           | 12   | 0     | 0                      | 0    | 0     |
| 2022 Build                      | 0                           | 105  | 0     | 0                      | 0    | 0     | 0                           | 218  | 0     | 0                      | 0    | 0     |
|                                 |                             |      |       |                        |      |       |                             |      |       |                        |      |       |
|                                 |                             |      |       |                        |      |       |                             |      |       |                        |      |       |
| PHF                             | 0.92                        |      |       | 0.92                   |      |       | 0.92                        |      |       | 0.92                   |      |       |
| HV %                            |                             | 2    |       |                        | 2    |       |                             | 2    |       |                        | 2    |       |

|                           |      |       |      |      |      |      |      |       |      |      |      |      |
|---------------------------|------|-------|------|------|------|------|------|-------|------|------|------|------|
| growth rates              | 2.0% | 2.0%  | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0%  | 2.0% | 2.0% | 2.0% | 2.0% |
| Trip Distribution % Enter |      |       |      |      |      |      |      | 11.7% |      |      |      |      |
| Trip Distribution % Exit  | 0.0% | 11.7% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% |
|                           |      |       |      |      |      |      |      |       |      |      |      |      |
| Trip Distribution % Enter |      |       |      |      |      |      |      | 11.8% |      |      |      |      |
| Trip Distribution % Exit  | 0.0% | 11.8% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% |
|                           |      |       |      |      |      |      |      |       |      |      |      |      |
| Trip Distribution % Enter |      | 26.8% |      |      |      |      |      |       |      |      |      |      |
| Trip Distribution % Exit  | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 26.8% | 0.0% | 0.0% | 0.0% | 0.0% |

UPPER PETROGLYPHS  
EXISTING & PROJECTED TURNING MOVEMENTS

INTERSECTION: ATRISCO VISTA AND LADERA

AM Peak Hour

|                         | Southbound<br>Atrisco Vista |      |       | Westbound<br>Ladera |      |       | Northbound<br>Atrisco Vista |      |       | Eastbound<br>Ladera |      |       |
|-------------------------|-----------------------------|------|-------|---------------------|------|-------|-----------------------------|------|-------|---------------------|------|-------|
|                         | Left                        | Thru | Right | Left                | Thru | Right | Left                        | Thru | Right | Left                | Thru | Right |
| Existing Volumes (2018) |                             |      |       |                     |      |       |                             |      |       |                     |      |       |
| Background Growth       |                             |      |       |                     |      |       |                             |      |       |                     |      |       |
|                         |                             |      |       |                     |      |       |                             |      |       |                     |      |       |
| 2022 No Build           | 0                           | 0    | 0     | 0                   | 0    | 0     | 0                           | 0    | 0     | 0                   | 0    | 0     |
| Entering                | 0                           | 11   | 0     | 0                   | 0    | 0     | 0                           | 20   | 0     | 0                   | 0    | 0     |
| Exiting                 | 0                           | 56   | 0     | 0                   | 0    | 0     | 0                           | 2    | 0     | 0                   | 0    | 0     |
| 2022 Build              | 0                           | 67   | 0     | 0                   | 0    | 0     | 0                           | 22   | 0     | 0                   | 0    | 0     |
|                         |                             |      |       |                     |      |       |                             |      |       |                     |      |       |
|                         |                             |      |       |                     |      |       |                             |      |       |                     |      |       |

PHF 0.92 0.92 0.92 0.92  
HV % 2 2 2 2

PM Peak Hour

|                         | Southbound<br>Atrisco Vista |      |       | Westbound<br>Ladera |      |       | Northbound<br>Atrisco Vista |      |       | Eastbound<br>Ladera |      |       |
|-------------------------|-----------------------------|------|-------|---------------------|------|-------|-----------------------------|------|-------|---------------------|------|-------|
|                         | Left                        | Thru | Right | Left                | Thru | Right | Left                        | Thru | Right | Left                | Thru | Right |
| Existing Volumes (2018) |                             |      |       |                     |      |       |                             |      |       |                     |      |       |
| Background Growth       |                             |      |       |                     |      |       |                             |      |       |                     |      |       |
|                         |                             |      |       |                     |      |       |                             |      |       |                     |      |       |
| 2022 No Build           | 0                           | 0    | 0     | 0                   | 0    | 0     | 0                           | 0    | 0     | 0                   | 0    | 0     |
| Entering                | 0                           | 3    | 0     | 0                   | 0    | 0     | 0                           | 64   | 0     | 0                   | 0    | 0     |
| Exiting                 | 0                           | 37   | 0     | 0                   | 0    | 0     | 0                           | 12   | 0     | 0                   | 0    | 0     |
| 2022 Build              | 0                           | 40   | 0     | 0                   | 0    | 0     | 0                           | 76   | 0     | 0                   | 0    | 0     |
|                         |                             |      |       |                     |      |       |                             |      |       |                     |      |       |
|                         |                             |      |       |                     |      |       |                             |      |       |                     |      |       |

PHF 0.92 0.92 0.92 0.92  
HV % 2 2 2 2

|                           |      |       |      |      |      |      |      |       |      |      |      |      |
|---------------------------|------|-------|------|------|------|------|------|-------|------|------|------|------|
| growth rates              | 2.0% | 2.0%  | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0%  | 2.0% | 2.0% | 2.0% | 2.0% |
| Trip Distribution % Enter |      |       |      |      |      |      |      | 11.7% |      |      |      |      |
| Trip Distribution % Exit  | 0.0% | 11.7% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% |
|                           |      |       |      |      |      |      |      |       |      |      |      |      |
| Trip Distribution % Enter |      |       |      |      |      |      |      | 30.2% |      |      |      |      |
| Trip Distribution % Exit  | 0.0% | 30.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% |
|                           |      |       |      |      |      |      |      |       |      |      |      |      |
| Trip Distribution % Enter |      | 26.8% |      |      |      |      |      |       |      |      |      |      |
| Trip Distribution % Exit  | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 26.8% | 0.0% | 0.0% | 0.0% | 0.0% |

UPPER PETROGLYPHS  
EXISTING & PROJECTED TURNING MOVEMENTS

INTERSECTION: ARROYO VISTA AND ESTANCIA PARKWAY

AM Peak Hour

|                         | Southbound<br>ARROYO VISTA |      |       | Westbound<br>ESTANCIA PARKWAY |      |       | Northbound<br>ARROYO VISTA |      |       | Eastbound<br>ESTANCIA PARKWAY |      |       |
|-------------------------|----------------------------|------|-------|-------------------------------|------|-------|----------------------------|------|-------|-------------------------------|------|-------|
|                         | Left                       | Thru | Right | Left                          | Thru | Right | Left                       | Thru | Right | Left                          | Thru | Right |
| Existing Volumes (2017) |                            |      |       |                               |      |       |                            |      |       |                               |      |       |
| Background Growth       |                            |      |       |                               |      |       |                            |      |       |                               |      |       |
|                         |                            |      |       |                               |      |       |                            |      |       |                               |      |       |
|                         |                            |      |       |                               |      |       |                            |      |       |                               |      |       |
| 2022 No Build           | 0                          | 0    | 0     | 0                             | 30   | 0     | 0                          | 0    | 0     | 0                             | 53   | 0     |
| AA Entering             | 0                          | 0    | 0     | 0                             | 0    | 0     | 0                          | 0    | 0     | 0                             | 4    | 0     |
| AA Exiting              | 0                          | 0    | 0     | 0                             | 8    | 0     | 0                          | 0    | 0     | 0                             | 0    | 0     |
| SFH Entering            | 0                          | 0    | 0     | 47                            | 0    | 0     | 0                          | 0    | 0     | 0                             | 0    | 10    |
| SFH Exiting             | 0                          | 0    | 0     | 0                             | 0    | 0     | 28                         | 0    | 140   | 0                             | 0    | 0     |
| EMP Entering            | 0                          | 0    | 0     | 0                             | 8    | 0     | 0                          | 0    | 0     | 0                             | 0    | 0     |
| EMP Exiting             | 0                          | 0    | 0     | 0                             | 0    | 0     | 0                          | 0    | 0     | 0                             | 1    | 0     |
| 2022 Build              | 0                          | 0    | 0     | 47                            | 45   | 0     | 28                         | 0    | 140   | 0                             | 59   | 10    |
|                         |                            |      |       |                               |      |       |                            |      |       |                               |      |       |
|                         |                            |      |       |                               |      |       |                            |      |       |                               |      |       |

|      |      |  |      |  |      |  |      |  |
|------|------|--|------|--|------|--|------|--|
| PHF  | 0.92 |  | 0.92 |  | 0.92 |  | 0.92 |  |
| HV % | 2    |  | 2    |  | 2    |  | 2    |  |

PM Peak Hour

|                         | Southbound<br>ARROYO VISTA |      |       | Westbound<br>ESTANCIA PARKWAY |      |       | Northbound<br>ARROYO VISTA |      |       | Eastbound<br>ESTANCIA PARKWAY |      |       |
|-------------------------|----------------------------|------|-------|-------------------------------|------|-------|----------------------------|------|-------|-------------------------------|------|-------|
|                         | Left                       | Thru | Right | Left                          | Thru | Right | Left                       | Thru | Right | Left                          | Thru | Right |
| Existing Volumes (2017) |                            |      |       |                               |      |       |                            |      |       |                               |      |       |
| Background Growth       |                            |      |       |                               |      |       |                            |      |       |                               |      |       |
|                         |                            |      |       |                               |      |       |                            |      |       |                               |      |       |
|                         |                            |      |       |                               |      |       |                            |      |       |                               |      |       |
| 2022 No Build           | 0                          | 0    | 0     | 0                             | 46   | 0     | 0                          | 0    | 0     | 0                             | 22   | 0     |
| AA Entering             | 0                          | 0    | 0     | 0                             | 0    | 0     | 0                          | 0    | 0     | 0                             | 8    | 0     |
| AA Exiting              | 0                          | 0    | 0     | 0                             | 5    | 0     | 0                          | 0    | 0     | 0                             | 0    | 0     |
| SFH Entering            | 0                          | 0    | 0     | 159                           | 0    | 0     | 0                          | 0    | 0     | 0                             | 0    | 32    |
| SFH Exiting             | 0                          | 0    | 0     | 0                             | 0    | 0     | 19                         | 0    | 92    | 0                             | 0    | 0     |
| EMP Entering            | 0                          | 0    | 0     | 0                             | 2    | 0     | 0                          | 0    | 0     | 0                             | 0    | 0     |
| EMP Exiting             | 0                          | 0    | 0     | 0                             | 0    | 0     | 0                          | 0    | 0     | 0                             | 8    | 0     |
| 2022 Build              | 0                          | 0    | 0     | 159                           | 53   | 0     | 19                         | 0    | 92    | 0                             | 39   | 32    |
|                         |                            |      |       |                               |      |       |                            |      |       |                               |      |       |
|                         |                            |      |       |                               |      |       |                            |      |       |                               |      |       |

|      |      |  |      |  |      |  |      |  |
|------|------|--|------|--|------|--|------|--|
| PHF  | 0.92 |  | 0.92 |  | 0.92 |  | 0.92 |  |
| HV % | 2    |  | 2    |  | 2    |  | 2    |  |

|                           |      |      |      |       |       |      |       |      |       |      |       |       |               |
|---------------------------|------|------|------|-------|-------|------|-------|------|-------|------|-------|-------|---------------|
| growth rates              | 2.0% | 2.0% | 2.0% | 2.0%  | 2.0%  | 2.0% | 2.0%  | 2.0% | 2.0%  | 2.0% | 2.0%  | 2.0%  |               |
| Trip Distribution % Enter |      |      |      |       |       |      |       |      |       |      | 16.7% |       | Active Adult  |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0%  | 16.7% | 0.0% | 0.0%  | 0.0% | 0.0%  | 0.0% | 0.0%  | 0.0%  |               |
|                           |      |      |      |       |       |      |       |      |       |      |       |       |               |
| Trip Distribution % Enter |      |      |      | 83.2% |       |      |       |      |       |      |       | 16.8% | Single Family |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0%  | 0.0% | 16.8% | 0.0% | 83.2% | 0.0% | 0.0%  | 0.0%  |               |
|                           |      |      |      |       |       |      |       |      |       |      |       |       |               |
| Trip Distribution % Enter |      |      |      |       | 18.5% |      |       |      |       |      |       |       | Employment    |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0%  | 0.0% | 0.0%  | 0.0% | 0.0%  | 0.0% | 18.5% | 0.0%  |               |

**UPPER PETROGLYPHS**  
**EXISTING & PROJECTED TURNING MOVEMENTS**

**INTERSECTION: ESTANCIA AND E1 (Full access 4-leg)**

AM Peak Hour

|                         | Southbound<br>Estancia Parkway |      |       | Westbound<br>15N |      |       | Northbound<br>Estancia Parkway |      |       | Eastbound<br>13A |      |       |
|-------------------------|--------------------------------|------|-------|------------------|------|-------|--------------------------------|------|-------|------------------|------|-------|
|                         | Left                           | Thru | Right | Left             | Thru | Right | Left                           | Thru | Right | Left             | Thru | Right |
| Existing Volumes (2017) |                                |      |       |                  |      |       |                                |      |       |                  |      |       |
| Background Growth       |                                |      |       |                  |      |       |                                |      |       |                  |      |       |
|                         |                                |      |       |                  |      |       |                                |      |       |                  |      |       |
|                         |                                |      |       |                  |      |       |                                |      |       |                  |      |       |
| 2022 No Build           | 0                              | 0    | 0     | 0                | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| AA Entering             | 0                              | 0    | 0     | 0                | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| AA Exiting              | 0                              | 0    | 0     | 0                | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| SFH Entering            | 0                              | 57   | 0     | 0                | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| SFH Exiting             | 0                              | 0    | 0     | 0                | 0    | 0     | 0                              | 168  | 0     | 0                | 0    | 0     |
| EMP Entering            | 0                              | 0    | 0     | 0                | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| EMP Exiting             | 0                              | 0    | 0     | 0                | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| 2022 Build              | 0                              | 57   | 0     | 0                | 0    | 0     | 0                              | 168  | 0     | 0                | 0    | 0     |
|                         |                                |      |       |                  |      |       |                                |      |       |                  |      |       |
|                         |                                |      |       |                  |      |       |                                |      |       |                  |      |       |

|      |      |  |      |  |      |  |      |  |
|------|------|--|------|--|------|--|------|--|
| PHF  | 0.92 |  | 0.92 |  | 0.92 |  | 0.92 |  |
| HV % | 2    |  | 2    |  | 2    |  | 2    |  |

PM Peak Hour

|                         | Southbound<br>Estancia Parkway |      |       | Westbound<br>15N |      |       | Northbound<br>Estancia Parkway |      |       | Eastbound<br>13A |      |       |
|-------------------------|--------------------------------|------|-------|------------------|------|-------|--------------------------------|------|-------|------------------|------|-------|
|                         | Left                           | Thru | Right | Left             | Thru | Right | Left                           | Thru | Right | Left             | Thru | Right |
| Existing Volumes (2017) |                                |      |       |                  |      |       |                                |      |       |                  |      |       |
| Background Growth       |                                |      |       |                  |      |       |                                |      |       |                  |      |       |
|                         |                                |      |       |                  |      |       |                                |      |       |                  |      |       |
|                         |                                |      |       |                  |      |       |                                |      |       |                  |      |       |
| 2022 No Build           | 0                              | 0    | 0     | 0                | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| AA Entering             | 0                              | 0    | 0     | 0                | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| AA Exiting              | 0                              | 0    | 0     | 0                | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| SFH Entering            | 0                              | 191  | 0     | 0                | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| SFH Exiting             | 0                              | 0    | 0     | 0                | 0    | 0     | 0                              | 111  | 0     | 0                | 0    | 0     |
| EMP Entering            | 0                              | 0    | 0     | 0                | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| EMP Exiting             | 0                              | 0    | 0     | 0                | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| 2022 Build              | 0                              | 191  | 0     | 0                | 0    | 0     | 0                              | 111  | 0     | 0                | 0    | 0     |
|                         |                                |      |       |                  |      |       |                                |      |       |                  |      |       |
|                         |                                |      |       |                  |      |       |                                |      |       |                  |      |       |

|      |      |  |      |  |      |  |      |  |
|------|------|--|------|--|------|--|------|--|
| PHF  | 0.92 |  | 0.92 |  | 0.92 |  | 0.92 |  |
| HV % | 2    |  | 2    |  | 2    |  | 2    |  |

|                           |      |        |      |      |      |      |      |        |      |      |      |      |               |
|---------------------------|------|--------|------|------|------|------|------|--------|------|------|------|------|---------------|
| growth rates              | 2.0% | 2.0%   | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0%   | 2.0% | 2.0% | 2.0% | 2.0% |               |
| Trip Distribution % Enter |      |        |      |      |      |      |      |        |      |      |      |      | Active Adult  |
| Trip Distribution % Exit  | 0.0% | 0.0%   | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%   | 0.0% | 0.0% | 0.0% | 0.0% |               |
| Trip Distribution % Enter |      | 100.0% |      |      |      |      |      |        |      |      |      |      | Single Family |
| Trip Distribution % Exit  | 0.0% | 0.0%   | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |               |
| Trip Distribution % Enter |      |        |      |      |      |      |      |        |      |      |      |      | Employment    |
| Trip Distribution % Exit  | 0.0% | 0.0%   | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%   | 0.0% | 0.0% | 0.0% | 0.0% |               |

**UPPER PETROGLYPHS**  
**EXISTING & PROJECTED TURNING MOVEMENTS**

**INTERSECTION: ESTANCIA PARKWAY AND E2 (4-leg Roundabout)**

AM Peak Hour

|                         | Southbound<br>Estancia Parkway |      |       | Westbound<br>15 N/S |      |       | Northbound<br>Estancia Parkway |      |       | Eastbound<br>13B |      |       |
|-------------------------|--------------------------------|------|-------|---------------------|------|-------|--------------------------------|------|-------|------------------|------|-------|
|                         | Left                           | Thru | Right | Left                | Thru | Right | Left                           | Thru | Right | Left             | Thru | Right |
| Existing Volumes (2017) |                                |      |       |                     |      |       |                                |      |       |                  |      |       |
| Background Growth       |                                |      |       |                     |      |       |                                |      |       |                  |      |       |
|                         |                                |      |       |                     |      |       |                                |      |       |                  |      |       |
|                         |                                |      |       |                     |      |       |                                |      |       |                  |      |       |
| 2022 No Build           | 0                              | 0    | 0     | 0                   | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| AA Entering             | 0                              | 0    | 0     | 0                   | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| AA Exiting              | 0                              | 0    | 0     | 0                   | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| SFH Entering            | 0                              | 27   | 30    | 0                   | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| SFH Exiting             | 0                              | 0    | 0     | 0                   | 0    | 0     | 0                              | 79   | 0     | 89               | 0    | 0     |
| EMP Entering            | 0                              | 0    | 0     | 0                   | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| EMP Exiting             | 0                              | 0    | 0     | 0                   | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| 2022 Build              | 0                              | 27   | 30    | 0                   | 0    | 0     | 0                              | 79   | 0     | 89               | 0    | 0     |
|                         |                                |      |       |                     |      |       |                                |      |       |                  |      |       |
|                         |                                |      |       |                     |      |       |                                |      |       |                  |      |       |

|      |      |  |      |  |      |  |      |  |
|------|------|--|------|--|------|--|------|--|
| PHF  | 0.92 |  | 0.92 |  | 0.92 |  | 0.92 |  |
| HV % | 2    |  | 2    |  | 2    |  | 2    |  |

PM Peak Hour

|                         | Southbound<br>Estancia Parkway |      |       | Westbound<br>15 N/S |      |       | Northbound<br>Estancia Parkway |      |       | Eastbound<br>13B |      |       |
|-------------------------|--------------------------------|------|-------|---------------------|------|-------|--------------------------------|------|-------|------------------|------|-------|
|                         | Left                           | Thru | Right | Left                | Thru | Right | Left                           | Thru | Right | Left             | Thru | Right |
| Existing Volumes (2017) |                                |      |       |                     |      |       |                                |      |       |                  |      |       |
| Background Growth       |                                |      |       |                     |      |       |                                |      |       |                  |      |       |
|                         |                                |      |       |                     |      |       |                                |      |       |                  |      |       |
|                         |                                |      |       |                     |      |       |                                |      |       |                  |      |       |
| 2022 No Build           | 0                              | 0    | 0     | 0                   | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| AA Entering             | 0                              | 0    | 0     | 0                   | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| AA Exiting              | 0                              | 0    | 0     | 0                   | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| SFH Entering            | 0                              | 90   | 101   | 0                   | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| SFH Exiting             | 0                              | 0    | 0     | 0                   | 0    | 0     | 0                              | 52   | 0     | 59               | 0    | 0     |
| EMP Entering            | 0                              | 0    | 0     | 0                   | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| EMP Exiting             | 0                              | 0    | 0     | 0                   | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| 2022 Build              | 0                              | 90   | 101   | 0                   | 0    | 0     | 0                              | 52   | 0     | 59               | 0    | 0     |
|                         |                                |      |       |                     |      |       |                                |      |       |                  |      |       |
|                         |                                |      |       |                     |      |       |                                |      |       |                  |      |       |

|      |      |  |      |  |      |  |      |  |
|------|------|--|------|--|------|--|------|--|
| PHF  | 0.92 |  | 0.92 |  | 0.92 |  | 0.92 |  |
| HV % | 2    |  | 2    |  | 2    |  | 2    |  |

|                           |      |       |       |      |      |      |      |       |      |       |      |      |
|---------------------------|------|-------|-------|------|------|------|------|-------|------|-------|------|------|
| growth rates              | 2.0% | 2.0%  | 2.0%  | 2.0% | 2.0% | 2.0% | 2.0% | 2.0%  | 2.0% | 2.0%  | 2.0% | 2.0% |
| Trip Distribution % Enter |      |       |       |      |      |      |      |       |      |       |      |      |
| Trip Distribution % Exit  | 0.0% | 0.0%  | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0%  | 0.0% | 0.0% |
|                           |      |       |       |      |      |      |      |       |      |       |      |      |
| Trip Distribution % Enter |      | 47.0% | 53.0% |      |      |      |      |       |      |       |      |      |
| Trip Distribution % Exit  | 0.0% | 0.0%  | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 47.0% | 0.0% | 53.0% | 0.0% | 0.0% |
|                           |      |       |       |      |      |      |      |       |      |       |      |      |
| Trip Distribution % Enter |      |       |       |      |      |      |      |       |      |       |      |      |
| Trip Distribution % Exit  | 0.0% | 0.0%  | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0%  | 0.0% | 0.0% |

**UPPER PETROGLYPHS**  
**EXISTING & PROJECTED TURNING MOVEMENTS**

**INTERSECTION: ESTANCIA PARKWAY AND E3 (Full access 4-leg)**

AM Peak Hour

|                                | Southbound<br>Estancia Parkway |          |           | Westbound<br>15S |          |          | Northbound<br>Estancia Parkway |          |          | Eastbound<br>13C |          |          |
|--------------------------------|--------------------------------|----------|-----------|------------------|----------|----------|--------------------------------|----------|----------|------------------|----------|----------|
|                                | Left                           | Thru     | Right     | Left             | Thru     | Right    | Left                           | Thru     | Right    | Left             | Thru     | Right    |
| <b>Existing Volumes (2017)</b> |                                |          |           |                  |          |          |                                |          |          |                  |          |          |
| Background Growth              |                                |          |           |                  |          |          |                                |          |          |                  |          |          |
|                                |                                |          |           |                  |          |          |                                |          |          |                  |          |          |
|                                |                                |          |           |                  |          |          |                                |          |          |                  |          |          |
| <b>2022 No Build</b>           | <b>0</b>                       | <b>0</b> | <b>0</b>  | <b>0</b>         | <b>0</b> | <b>0</b> | <b>0</b>                       | <b>0</b> | <b>0</b> | <b>0</b>         | <b>0</b> | <b>0</b> |
| AA Entering                    | 0                              | 0        | 0         | 0                | 0        | 0        | 0                              | 0        | 0        | 0                | 0        | 0        |
| AA Exiting                     | 0                              | 0        | 0         | 0                | 0        | 0        | 0                              | 0        | 0        | 0                | 0        | 0        |
| SFH Entering                   | 0                              | 0        | 27        | 0                | 0        | 0        | 0                              | 0        | 0        | 0                | 0        | 0        |
| SFH Exiting                    | 0                              | 0        | 0         | 0                | 0        | 0        | 0                              | 0        | 0        | 79               | 0        | 0        |
| EMP Entering                   | 0                              | 0        | 0         | 0                | 0        | 0        | 0                              | 0        | 0        | 0                | 0        | 0        |
| EMP Exiting                    | 0                              | 0        | 0         | 0                | 0        | 0        | 0                              | 0        | 0        | 0                | 0        | 0        |
| <b>2022 Build</b>              | <b>0</b>                       | <b>0</b> | <b>27</b> | <b>0</b>         | <b>0</b> | <b>0</b> | <b>0</b>                       | <b>0</b> | <b>0</b> | <b>79</b>        | <b>0</b> | <b>0</b> |
|                                |                                |          |           |                  |          |          |                                |          |          |                  |          |          |
|                                |                                |          |           |                  |          |          |                                |          |          |                  |          |          |

|             |      |  |      |  |      |  |      |
|-------------|------|--|------|--|------|--|------|
| <i>PHF</i>  | 0.92 |  | 0.92 |  | 0.92 |  | 0.92 |
| <i>HV %</i> | 2    |  | 2    |  | 2    |  | 2    |

PM Peak Hour

|                                | Southbound<br>Estancia Parkway |          |           | Westbound<br>15S |          |          | Northbound<br>Estancia Parkway |          |          | Eastbound<br>13C |          |          |
|--------------------------------|--------------------------------|----------|-----------|------------------|----------|----------|--------------------------------|----------|----------|------------------|----------|----------|
|                                | Left                           | Thru     | Right     | Left             | Thru     | Right    | Left                           | Thru     | Right    | Left             | Thru     | Right    |
| <b>Existing Volumes (2017)</b> |                                |          |           |                  |          |          |                                |          |          |                  |          |          |
| Background Growth              |                                |          |           |                  |          |          |                                |          |          |                  |          |          |
|                                |                                |          |           |                  |          |          |                                |          |          |                  |          |          |
|                                |                                |          |           |                  |          |          |                                |          |          |                  |          |          |
| <b>2022 No Build</b>           | <b>0</b>                       | <b>0</b> | <b>0</b>  | <b>0</b>         | <b>0</b> | <b>0</b> | <b>0</b>                       | <b>0</b> | <b>0</b> | <b>0</b>         | <b>0</b> | <b>0</b> |
| AA Entering                    | 0                              | 0        | 0         | 0                | 0        | 0        | 0                              | 0        | 0        | 0                | 0        | 0        |
| AA Exiting                     | 0                              | 0        | 0         | 0                | 0        | 0        | 0                              | 0        | 0        | 0                | 0        | 0        |
| SFH Entering                   | 0                              | 0        | 90        | 0                | 0        | 0        | 0                              | 0        | 0        | 0                | 0        | 0        |
| SFH Exiting                    | 0                              | 0        | 0         | 0                | 0        | 0        | 0                              | 0        | 0        | 52               | 0        | 0        |
| EMP Entering                   | 0                              | 0        | 0         | 0                | 0        | 0        | 0                              | 0        | 0        | 0                | 0        | 0        |
| EMP Exiting                    | 0                              | 0        | 0         | 0                | 0        | 0        | 0                              | 0        | 0        | 0                | 0        | 0        |
| <b>2022 Build</b>              | <b>0</b>                       | <b>0</b> | <b>90</b> | <b>0</b>         | <b>0</b> | <b>0</b> | <b>0</b>                       | <b>0</b> | <b>0</b> | <b>52</b>        | <b>0</b> | <b>0</b> |
|                                |                                |          |           |                  |          |          |                                |          |          |                  |          |          |
|                                |                                |          |           |                  |          |          |                                |          |          |                  |          |          |

|             |      |  |      |  |      |  |      |
|-------------|------|--|------|--|------|--|------|
| <i>PHF</i>  | 0.92 |  | 0.92 |  | 0.92 |  | 0.92 |
| <i>HV %</i> | 2    |  | 2    |  | 2    |  | 2    |

|                           |      |      |       |      |      |      |      |      |      |       |      |      |
|---------------------------|------|------|-------|------|------|------|------|------|------|-------|------|------|
| growth rates              | 2.0% | 2.0% | 2.0%  | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0%  | 2.0% | 2.0% |
| Trip Distribution % Enter |      |      |       |      |      |      |      |      |      |       |      |      |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% |
|                           |      |      |       |      |      |      |      |      |      |       |      |      |
| Trip Distribution % Enter |      |      | 47.0% |      |      |      |      |      |      |       |      |      |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 47.0% | 0.0% | 0.0% |
|                           |      |      |       |      |      |      |      |      |      |       |      |      |
| Trip Distribution % Enter |      |      |       |      |      |      |      |      |      |       |      |      |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% |

**UPPER PETROGLYPHS**  
**EXISTING & PROJECTED TURNING MOVEMENTS**

**INTERSECTION: ESTANCIA PARKWAY AND E4 (Full access three leg)**

AM Peak Hour

|                         | Southbound<br>Estancia Parkway |      |       | Westbound<br>n/a |      |       | Northbound<br>Estancia Parkway |      |       | Eastbound<br>14A |      |       |
|-------------------------|--------------------------------|------|-------|------------------|------|-------|--------------------------------|------|-------|------------------|------|-------|
|                         | Left                           | Thru | Right | Left             | Thru | Right | Left                           | Thru | Right | Left             | Thru | Right |
| Existing Volumes (2017) |                                |      |       |                  |      |       |                                |      |       |                  |      |       |
| Background Growth       |                                |      |       |                  |      |       |                                |      |       |                  |      |       |
|                         |                                |      |       |                  |      |       |                                |      |       |                  |      |       |
| 2022 No Build           | 0                              | 0    | 0     | 0                | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| Entering                |                                |      |       |                  |      |       |                                |      |       |                  |      |       |
| Exiting                 | 0                              | 0    | 0     | 0                | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| 2022 Build              | 0                              | 0    | 0     | 0                | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
|                         |                                |      |       |                  |      |       |                                |      |       |                  |      |       |
|                         |                                |      |       |                  |      |       |                                |      |       |                  |      |       |

|      |      |   |  |      |   |  |      |   |  |      |   |  |
|------|------|---|--|------|---|--|------|---|--|------|---|--|
| PHF  | 0.92 |   |  | 0.92 |   |  | 0.92 |   |  | 0.92 |   |  |
| HV % |      | 2 |  |      | 2 |  |      | 2 |  |      | 2 |  |

PM Peak Hour

|                         | Southbound<br>Estancia Parkway |      |       | Westbound<br>n/a |      |       | Northbound<br>Estancia Parkway |      |       | Eastbound<br>14A |      |       |
|-------------------------|--------------------------------|------|-------|------------------|------|-------|--------------------------------|------|-------|------------------|------|-------|
|                         | Left                           | Thru | Right | Left             | Thru | Right | Left                           | Thru | Right | Left             | Thru | Right |
| Existing Volumes (2017) |                                |      |       |                  |      |       |                                |      |       |                  |      |       |
| Background Growth       |                                |      |       |                  |      |       |                                |      |       |                  |      |       |
|                         |                                |      |       |                  |      |       |                                |      |       |                  |      |       |
| 2022 No Build           | 0                              | 0    | 0     | 0                | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| Entering                |                                |      |       |                  |      |       |                                |      |       |                  |      |       |
| Exiting                 | 0                              | 0    | 0     | 0                | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
| 2022 Build              | 0                              | 0    | 0     | 0                | 0    | 0     | 0                              | 0    | 0     | 0                | 0    | 0     |
|                         |                                |      |       |                  |      |       |                                |      |       |                  |      |       |
|                         |                                |      |       |                  |      |       |                                |      |       |                  |      |       |

|      |      |   |  |      |   |  |      |   |  |      |   |  |
|------|------|---|--|------|---|--|------|---|--|------|---|--|
| PHF  | 0.92 |   |  | 0.92 |   |  | 0.92 |   |  | 0.92 |   |  |
| HV % |      | 2 |  |      | 2 |  |      | 2 |  |      | 2 |  |

|                           |      |      |      |      |      |      |      |      |      |      |      |      |               |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|---------------|
| growth rates              | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |               |
| Trip Distribution % Enter |      |      |      |      |      |      |      |      |      |      |      |      | Active Adult  |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |               |
| Trip Distribution % Enter |      |      |      |      |      |      |      |      |      |      |      |      | Single Family |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |               |
| Trip Distribution % Enter |      |      |      |      |      |      |      |      |      |      |      |      | Employment    |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |               |

UPPER PETROGLYPHS  
EXISTING & PROJECTED TURNING MOVEMENTS

INTERSECTION: ARROYO VISTA AND DEL WEBB BOULEVARD

AM Peak Hour

|                         | Southbound<br>ARROYO VISTA |      |       | Westbound<br>Del Webb |      |       | Northbound<br>ARROYO VISTA |      |       | Eastbound<br>Del Webb |      |       |
|-------------------------|----------------------------|------|-------|-----------------------|------|-------|----------------------------|------|-------|-----------------------|------|-------|
|                         | Left                       | Thru | Right | Left                  | Thru | Right | Left                       | Thru | Right | Left                  | Thru | Right |
| Existing Volumes (2017) |                            |      |       |                       |      |       |                            |      |       |                       |      |       |
| Background Growth       |                            |      |       |                       |      |       |                            |      |       |                       |      |       |
|                         |                            |      |       |                       |      |       |                            |      |       |                       |      |       |
| 2022 No Build           | 0                          | 0    | 0     | 0                     | 30   | 0     | 0                          | 0    | 0     | 0                     | 53   | 0     |
| AA Entering             | 0                          | 0    | 0     | 21                    | 0    | 0     | 0                          | 0    | 0     | 0                     | 0    | 4     |
| AA Exiting              | 0                          | 0    | 0     | 0                     | 0    | 0     | 8                          | 0    | 37    | 0                     | 0    | 0     |
| SFH Entering            | 0                          | 0    | 0     | 0                     | 47   | 0     | 0                          | 0    | 0     | 0                     | 0    | 0     |
| SFH Exiting             | 0                          | 0    | 0     | 0                     | 0    | 0     | 0                          | 0    | 0     | 0                     | 140  | 0     |
| EMP Entering            | 0                          | 0    | 0     | 0                     | 8    | 0     | 0                          | 0    | 0     | 0                     | 0    | 0     |
| EMP Exiting             | 0                          | 0    | 0     | 0                     | 0    | 0     | 0                          | 0    | 0     | 0                     | 1    | 0     |
| 2022 Build              | 0                          | 0    | 0     | 21                    | 85   | 0     | 8                          | 0    | 37    | 0                     | 194  | 4     |
|                         |                            |      |       |                       |      |       |                            |      |       |                       |      |       |
|                         |                            |      |       |                       |      |       |                            |      |       |                       |      |       |

PHF 0.95 0.95 0.95 0.95  
HV % 2 2 2 2

PM Peak Hour

|                         | Southbound<br>ARROYO VISTA |      |       | Westbound<br>Del Webb |      |       | Northbound<br>ARROYO VISTA |      |       | Eastbound<br>Del Webb |      |       |
|-------------------------|----------------------------|------|-------|-----------------------|------|-------|----------------------------|------|-------|-----------------------|------|-------|
|                         | Left                       | Thru | Right | Left                  | Thru | Right | Left                       | Thru | Right | Left                  | Thru | Right |
| Existing Volumes (2017) |                            |      |       |                       |      |       |                            |      |       |                       |      |       |
| Background Growth       |                            |      |       |                       |      |       |                            |      |       |                       |      |       |
|                         |                            |      |       |                       |      |       |                            |      |       |                       |      |       |
| 2022 No Build           | 0                          | 0    | 0     | 0                     | 46   | 0     | 0                          | 0    | 0     | 0                     | 22   | 0     |
| AA Entering             | 0                          | 0    | 0     | 42                    | 0    | 0     | 0                          | 0    | 0     | 0                     | 0    | 8     |
| AA Exiting              | 0                          | 0    | 0     | 0                     | 0    | 0     | 5                          | 0    | 26    | 0                     | 0    | 0     |
| SFH Entering            | 0                          | 0    | 0     | 0                     | 159  | 0     | 0                          | 0    | 0     | 0                     | 0    | 0     |
| SFH Exiting             | 0                          | 0    | 0     | 0                     | 0    | 0     | 0                          | 0    | 0     | 0                     | 92   | 0     |
| EMP Entering            | 0                          | 0    | 0     | 0                     | 2    | 0     | 0                          | 0    | 0     | 0                     | 0    | 0     |
| EMP Exiting             | 0                          | 0    | 0     | 0                     | 0    | 0     | 0                          | 0    | 0     | 0                     | 8    | 0     |
| 2022 Build              | 0                          | 0    | 0     | 42                    | 207  | 0     | 5                          | 0    | 26    | 0                     | 123  | 8     |
|                         |                            |      |       |                       |      |       |                            |      |       |                       |      |       |
|                         |                            |      |       |                       |      |       |                            |      |       |                       |      |       |

PHF 0.95 0.95 0.95 0.95  
HV % 2 2 2 2

|                           |      |      |      |       |       |      |       |      |       |      |       |       |               |
|---------------------------|------|------|------|-------|-------|------|-------|------|-------|------|-------|-------|---------------|
| growth rates              | 2.0% | 2.0% | 2.0% | 2.0%  | 2.0%  | 2.0% | 2.0%  | 2.0% | 2.0%  | 2.0% | 2.0%  | 2.0%  |               |
| Trip Distribution % Enter |      |      |      | 83.3% |       |      |       |      |       |      |       | 16.7% | Active Adult  |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0%  | 0.0% | 16.7% | 0.0% | 83.3% | 0.0% | 0.0%  | 0.0%  |               |
|                           |      |      |      |       |       |      |       |      |       |      |       |       |               |
| Trip Distribution % Enter |      |      |      |       | 83.3% |      |       |      |       |      |       |       | Single Family |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0%  | 0.0% | 0.0%  | 0.0% | 0.0%  | 0.0% | 83.3% | 0.0%  |               |
|                           |      |      |      |       |       |      |       |      |       |      |       |       |               |
| Trip Distribution % Enter |      |      |      |       | 18.5% |      |       |      |       |      |       |       | Employment    |
| Trip Distribution % Exit  | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0%  | 0.0% | 0.0%  | 0.0% | 0.0%  | 0.0% | 18.5% | 0.0%  |               |

UPPER PETROGLYPHS  
EXISTING & PROJECTED TURNING MOVEMENTS

INTERSECTION: DEL WEBB AND DEL WEBB 1

AM Peak Hour

|                         | Southbound<br>Del Webb |      |       | Westbound<br>17 North |      |       | Northbound<br>Del Webb |      |       | Eastbound<br>16 |      |       |
|-------------------------|------------------------|------|-------|-----------------------|------|-------|------------------------|------|-------|-----------------|------|-------|
|                         | Left                   | Thru | Right | Left                  | Thru | Right | Left                   | Thru | Right | Left            | Thru | Right |
| Existing Volumes (2017) |                        |      |       |                       |      |       |                        |      |       |                 |      |       |
| Background Growth       |                        |      |       |                       |      |       |                        |      |       |                 |      |       |
|                         |                        |      |       |                       |      |       |                        |      |       |                 |      |       |
| 2022 No Build           | 0                      | 0    | 0     | 0                     | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| AA Entering             | 4                      | 5    | 17    | 0                     | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| AA Exiting              | 0                      | 0    | 0     | 0                     | 0    | 7     | 0                      | 8    | 0     | 30              | 0    | 0     |
| SFH Entering            | 0                      | 0    | 0     | 0                     | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| SFH Exiting             | 0                      | 0    | 0     | 0                     | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| EMP Entering            | 0                      | 0    | 0     | 0                     | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| EMP Exiting             | 0                      | 0    | 0     | 0                     | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| 2022 Build              | 4                      | 5    | 17    | 0                     | 0    | 7     | 0                      | 8    | 0     | 30              | 0    | 0     |
|                         |                        |      |       |                       |      |       |                        |      |       |                 |      |       |
|                         |                        |      |       |                       |      |       |                        |      |       |                 |      |       |

PHF 0.95 0.95 0.95 0.95  
HV % 10 2 15 28

PM Peak Hour

|                         | Southbound<br>Del Webb |      |       | Westbound<br>17 North |      |       | Northbound<br>Del Webb |      |       | Eastbound<br>16 |      |       |
|-------------------------|------------------------|------|-------|-----------------------|------|-------|------------------------|------|-------|-----------------|------|-------|
|                         | Left                   | Thru | Right | Left                  | Thru | Right | Left                   | Thru | Right | Left            | Thru | Right |
| Existing Volumes (2017) |                        |      |       |                       |      |       |                        |      |       |                 |      |       |
| Background Growth       |                        |      |       |                       |      |       |                        |      |       |                 |      |       |
|                         |                        |      |       |                       |      |       |                        |      |       |                 |      |       |
| 2022 No Build           | 0                      | 0    | 0     | 0                     | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| AA Entering             | 8                      | 9    | 33    | 0                     | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| AA Exiting              | 0                      | 0    | 0     | 0                     | 0    | 5     | 0                      | 6    | 0     | 20              | 0    | 0     |
| SFH Entering            | 0                      | 0    | 0     | 0                     | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| SFH Exiting             | 0                      | 0    | 0     | 0                     | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| EMP Entering            | 0                      | 0    | 0     | 0                     | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| EMP Exiting             | 0                      | 0    | 0     | 0                     | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| 2022 Build              | 8                      | 9    | 33    | 0                     | 0    | 5     | 0                      | 6    | 0     | 20              | 0    | 0     |
|                         |                        |      |       |                       |      |       |                        |      |       |                 |      |       |
|                         |                        |      |       |                       |      |       |                        |      |       |                 |      |       |

PHF 0.93 0.93 0.93 0.93  
HV % 9 2 14 19

|                           |       |       |       |      |      |       |      |       |      |       |      |      |
|---------------------------|-------|-------|-------|------|------|-------|------|-------|------|-------|------|------|
| growth rates              | 2.0%  | 2.0%  | 2.0%  | 2.0% | 2.0% | 2.0%  | 2.0% | 2.0%  | 2.0% | 2.0%  | 2.0% | 2.0% |
| Trip Distribution % Enter | 16.0% | 18.0% | 66.0% |      |      |       |      |       |      |       |      |      |
| Trip Distribution % Exit  | 0.0%  | 0.0%  | 0.0%  | 0.0% | 0.0% | 16.0% | 0.0% | 18.0% | 0.0% | 66.0% | 0.0% | 0.0% |
| Trip Distribution % Enter |       |       |       |      |      |       |      |       |      |       |      |      |
| Trip Distribution % Exit  | 0.0%  | 0.0%  | 0.0%  | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0%  | 0.0% | 0.0%  | 0.0% | 0.0% |
| Trip Distribution % Enter |       |       |       |      |      |       |      |       |      |       |      |      |
| Trip Distribution % Exit  | 0.0%  | 0.0%  | 0.0%  | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0%  | 0.0% | 0.0%  | 0.0% | 0.0% |

Active Adult

Single Family

Employment

UPPER PETROGLYPHS  
EXISTING & PROJECTED TURNING MOVEMENTS

INTERSECTION: DEL WEBB AND DEL WEBB 3

AM Peak Hour

|                         | Southbound<br>Del Webb |      |       | Westbound<br>Amenity |      |       | Northbound<br>Del Webb |      |       | Eastbound<br>18 |      |       |
|-------------------------|------------------------|------|-------|----------------------|------|-------|------------------------|------|-------|-----------------|------|-------|
|                         | Left                   | Thru | Right | Left                 | Thru | Right | Left                   | Thru | Right | Left            | Thru | Right |
| Existing Volumes (2017) |                        |      |       |                      |      |       |                        |      |       |                 |      |       |
| Background Growth       |                        |      |       |                      |      |       |                        |      |       |                 |      |       |
|                         |                        |      |       |                      |      |       |                        |      |       |                 |      |       |
| 2022 No Build           | 0                      | 0    | 0     | 0                    | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| AA Entering             | 4                      | 5    | 0     | 0                    | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| AA Exiting              | 0                      | 0    | 0     | 0                    | 0    | 4     | 0                      | 8    | 0     | 0               | 0    | 0     |
| SFH Entering            | 0                      | 0    | 0     | 0                    | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| SFH Exiting             | 0                      | 0    | 0     | 0                    | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| EMP Entering            | 0                      | 0    | 0     | 0                    | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| EMP Exiting             | 0                      | 0    | 0     | 0                    | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| 2022 Build              | 4                      | 5    | 0     | 0                    | 0    | 4     | 0                      | 8    | 0     | 0               | 0    | 0     |
|                         |                        |      |       |                      |      |       |                        |      |       |                 |      |       |
|                         |                        |      |       |                      |      |       |                        |      |       |                 |      |       |

PHF 0.97 0.97 0.97 0.97  
HV % 11 24 14 2

PM Peak Hour

|                         | Southbound<br>Del Webb |      |       | Westbound<br>Amenity |      |       | Northbound<br>Del Webb |      |       | Eastbound<br>18 |      |       |
|-------------------------|------------------------|------|-------|----------------------|------|-------|------------------------|------|-------|-----------------|------|-------|
|                         | Left                   | Thru | Right | Left                 | Thru | Right | Left                   | Thru | Right | Left            | Thru | Right |
| Existing Volumes (2017) |                        |      |       |                      |      |       |                        |      |       |                 |      |       |
| Background Growth       |                        |      |       |                      |      |       |                        |      |       |                 |      |       |
|                         |                        |      |       |                      |      |       |                        |      |       |                 |      |       |
| 2022 No Build           | 0                      | 0    | 0     | 0                    | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| AA Entering             | 4                      | 9    | 0     | 0                    | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| AA Exiting              | 0                      | 0    | 0     | 0                    | 0    | 4     | 0                      | 6    | 0     | 0               | 0    | 0     |
| SFH Entering            | 0                      | 0    | 0     | 0                    | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| SFH Exiting             | 0                      | 0    | 0     | 0                    | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| EMP Entering            | 0                      | 0    | 0     | 0                    | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| EMP Exiting             | 0                      | 0    | 0     | 0                    | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| 2022 Build              | 4                      | 9    | 0     | 0                    | 0    | 4     | 0                      | 6    | 0     | 0               | 0    | 0     |
|                         |                        |      |       |                      |      |       |                        |      |       |                 |      |       |
|                         |                        |      |       |                      |      |       |                        |      |       |                 |      |       |

PHF 0.90 0.90 0.90 0.90  
HV % 7 10 7 2

|                           |      |       |      |      |      |      |      |       |      |      |      |      |
|---------------------------|------|-------|------|------|------|------|------|-------|------|------|------|------|
| growth rates              | 2.0% | 2.0%  | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0%  | 2.0% | 2.0% | 2.0% | 2.0% |
| Trip Distribution % Enter |      | 18.0% |      |      |      |      |      |       |      |      |      |      |
| Trip Distribution % Exit  | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 18.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Trip Distribution % Enter |      |       |      |      |      |      |      |       |      |      |      |      |
| Trip Distribution % Exit  | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% |
| Trip Distribution % Enter |      |       |      |      |      |      |      |       |      |      |      |      |
| Trip Distribution % Exit  | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% |

UPPER PETROGLYPHS  
EXISTING & PROJECTED TURNING MOVEMENTS

INTERSECTION: DEL WEBB AND DEL WEBB 4

AM Peak Hour

|                         | Southbound<br>Del Webb |      |       | Westbound<br>Future 17 South |      |       | Northbound<br>Del Webb |      |       | Eastbound<br>20 |      |       |
|-------------------------|------------------------|------|-------|------------------------------|------|-------|------------------------|------|-------|-----------------|------|-------|
|                         | Left                   | Thru | Right | Left                         | Thru | Right | Left                   | Thru | Right | Left            | Thru | Right |
| Existing Volumes (2017) |                        |      |       |                              |      |       |                        |      |       |                 |      |       |
| Background Growth       |                        |      |       |                              |      |       |                        |      |       |                 |      |       |
|                         |                        |      |       |                              |      |       |                        |      |       |                 |      |       |
| 2022 No Build           | 0                      | 0    | 0     | 0                            | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| AA Entering             | 5                      | 0    | 0     | 0                            | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| AA Exiting              | 0                      | 0    | 0     | 0                            | 0    | 8     | 0                      | 0    | 0     | 0               | 0    | 0     |
| SFH Entering            | 0                      | 0    | 0     | 0                            | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| SFH Exiting             | 0                      | 0    | 0     | 0                            | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| EMP Entering            | 0                      | 0    | 0     | 0                            | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| EMP Exiting             | 0                      | 0    | 0     | 0                            | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| 2022 Build              | 5                      | 0    | 0     | 0                            | 0    | 8     | 0                      | 0    | 0     | 0               | 0    | 0     |
|                         |                        |      |       |                              |      |       |                        |      |       |                 |      |       |
|                         |                        |      |       |                              |      |       |                        |      |       |                 |      |       |
| PHF                     | 0.90                   |      |       | 0.90                         |      |       | 0.90                   |      |       | 0.90            |      |       |
| HV %                    | 9                      |      |       | 2                            |      |       | 9                      |      |       | 5               |      |       |

PM Peak Hour

|                         | Southbound<br>Del Webb |      |       | Westbound<br>Future 17 South |      |       | Northbound<br>Del Webb |      |       | Eastbound<br>20 |      |       |
|-------------------------|------------------------|------|-------|------------------------------|------|-------|------------------------|------|-------|-----------------|------|-------|
|                         | Left                   | Thru | Right | Left                         | Thru | Right | Left                   | Thru | Right | Left            | Thru | Right |
| Existing Volumes (2017) |                        |      |       |                              |      |       |                        |      |       |                 |      |       |
| Background Growth       |                        |      |       |                              |      |       |                        |      |       |                 |      |       |
|                         |                        |      |       |                              |      |       |                        |      |       |                 |      |       |
| 2022 No Build           | 0                      | 0    | 0     | 0                            | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| AA Entering             | 9                      | 0    | 0     | 0                            | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| AA Exiting              | 0                      | 0    | 0     | 0                            | 0    | 6     | 0                      | 0    | 0     | 0               | 0    | 0     |
| SFH Entering            | 0                      | 0    | 0     | 0                            | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| SFH Exiting             | 0                      | 0    | 0     | 0                            | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| EMP Entering            | 0                      | 0    | 0     | 0                            | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| EMP Exiting             | 0                      | 0    | 0     | 0                            | 0    | 0     | 0                      | 0    | 0     | 0               | 0    | 0     |
| 2022 Build              | 9                      | 0    | 0     | 0                            | 0    | 6     | 0                      | 0    | 0     | 0               | 0    | 0     |
|                         |                        |      |       |                              |      |       |                        |      |       |                 |      |       |
|                         |                        |      |       |                              |      |       |                        |      |       |                 |      |       |
| PHF                     | 0.86                   |      |       | 0.86                         |      |       | 0.86                   |      |       | 0.86            |      |       |
| HV %                    | 2                      |      |       | 2                            |      |       | 5                      |      |       | 13              |      |       |

|                           |       |      |      |      |      |       |      |      |      |      |      |      |               |
|---------------------------|-------|------|------|------|------|-------|------|------|------|------|------|------|---------------|
| growth rates              | 2.0%  | 2.0% | 2.0% | 2.0% | 2.0% | 2.0%  | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% | 2.0% |               |
| Trip Distribution % Enter | 18.0% |      |      |      |      |       |      |      |      |      |      |      | Active Adult  |
| Trip Distribution % Exit  | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 18.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |               |
| Trip Distribution % Enter |       |      |      |      |      |       |      |      |      |      |      |      | Single Family |
| Trip Distribution % Exit  | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |               |
| Trip Distribution % Enter |       |      |      |      |      |       |      |      |      |      |      |      | Employment    |
| Trip Distribution % Exit  | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |               |

**Upper Petro - Employment Trips  
Employees by Subarea**

| Subarea      | Population*<br>2016 | Distance (mi) | Population /<br>Distance | % Emp. /<br>Dist | Tierra Pintada to/from north |              |           | Arroyo Vista/98th to/from south |               |           | Ladera to/from east |               |           |
|--------------|---------------------|---------------|--------------------------|------------------|------------------------------|--------------|-----------|---------------------------------|---------------|-----------|---------------------|---------------|-----------|
|              |                     |               |                          |                  | % Utililizing                | Employees/   | Employees | % Utililizing                   | Employees/    | Employees | % Utililizing       | Employees/    | Employees |
| 1            | 44,753              | 16.1          | 2,775                    | 3.15%            | 20%                          | 0.63%        | 8,951     |                                 |               |           | 20%                 | 1%            | 8,951     |
| 2            | 55,060              | 11.7          | 4,711                    | 5.35%            | 20%                          | 1.07%        | 11,012    |                                 |               |           | 20%                 | 1%            | 11,012    |
| 3            | 7,709               | 14.6          | 528                      | 0.60%            | 20%                          | 0.12%        | 1,542     |                                 |               |           | 40%                 | 0%            | 3,084     |
| 4            | 13,817              | 22.9          | 603                      | 0.69%            |                              |              |           |                                 |               |           |                     |               |           |
| 5            | 59,541              | 10.1          | 5,910                    | 6.71%            | 20%                          | 1.34%        | 11,908    |                                 |               |           | 40%                 | 3%            | 23,816    |
| 6            | 7,380               | 1.5           | 4,778                    | 5.43%            | 10%                          | 0.54%        | 738       | 20%                             | 1.09%         | 1,476     |                     |               |           |
| 7            | 59,485              | 4.9           | 12,124                   | 13.77%           | 40%                          | 5.51%        | 23,794    |                                 |               |           | 40%                 | 6%            | 23,794    |
| 8            | 31,699              | 4.3           | 7,406                    | 8.41%            |                              |              |           | 50%                             | 4.21%         | 15,850    | 15%                 | 1%            | 4,755     |
| 9            | 1,534               | 15.0          | 102                      | 0.12%            |                              |              |           |                                 |               |           |                     |               |           |
| 10           | 64,323              | 6.3           | 10,292                   | 11.69%           |                              |              |           | 80%                             | 9.35%         | 51,458    |                     |               |           |
| 11           | 33,210              | 8.7           | 3,817                    | 4.34%            |                              |              |           | 70%                             | 3.04%         | 23,247    | 10%                 | 0%            | 3,321     |
| 12           | 15,936              | 11.1          | 1,430                    | 1.62%            | 10%                          | 0.16%        | 1,594     |                                 |               |           | 40%                 | 1%            | 6,374     |
| 13           | 9,888               | 12.7          | 782                      | 0.89%            |                              |              |           |                                 |               |           | 10%                 | 0%            | 989       |
| 14           | 100,318             | 17.4          | 5,753                    | 6.54%            |                              |              |           |                                 |               |           |                     |               |           |
| 15           | 24,829              | 8.9           | 2,800                    | 3.18%            |                              |              |           |                                 |               |           | 10%                 | 0%            | 2,483     |
| 16           | 107,114             | 14.2          | 7,538                    | 8.56%            |                              |              |           |                                 |               |           | 10%                 | 1%            | 10,711    |
| 17           | 21,499              | 8.0           | 2,676                    | 3.04%            |                              |              |           |                                 |               |           |                     |               |           |
| 18           | 44,016              | 10.9          | 4,034                    | 4.58%            |                              |              |           |                                 |               |           |                     |               |           |
| 19           | 66,483              | 16.4          | 4,058                    | 4.61%            |                              |              |           |                                 |               |           |                     |               |           |
| 20           | 9,636               | 9.8           | 984                      | 1.12%            |                              |              |           | 60%                             | 0.67%         | 5,782     |                     |               |           |
| 21           | 559                 | 12.8          | 44                       | 0.05%            |                              |              |           | 70%                             | 0.03%         | 391       |                     |               |           |
| 22           | 3,511               | 15.4          | 228                      | 0.26%            |                              |              |           | 15%                             | 0.04%         | 527       |                     |               |           |
| 23           | 19,163              | 27.7          | 692                      | 0.79%            |                              |              |           |                                 |               |           |                     |               |           |
| 24           | 2,531               | 12.7          | 200                      | 0.23%            |                              |              |           | 30%                             | 0.07%         | 759       |                     |               |           |
| 25           | 863                 | 21.0          | 41                       | 0.05%            |                              |              |           | 30%                             | 0.01%         | 259       |                     |               |           |
| 26           | 75,621              | 27.2          | 2,779                    | 3.16%            |                              |              |           | 50%                             | 1.58%         | 37,811    |                     |               |           |
| 27           | 19,926              | 43.8          | 455                      | 0.52%            | 10%                          | 0.05%        | 1,993     |                                 |               |           | 10%                 | 0%            | 1,993     |
| 28           | 15,584              | 60.6          | 257                      | 0.29%            |                              |              |           | 10%                             | 0.03%         | 1,558     |                     |               |           |
| 29           | 10,397              | 46.9          | 222                      | 0.25%            |                              |              |           |                                 |               |           |                     |               |           |
| <b>Total</b> | <b>926,385</b>      | <b>44.5</b>   | <b>88,015</b>            | <b>100.00%</b>   |                              | <b>9.43%</b> |           |                                 | <b>20.12%</b> |           |                     | <b>13.80%</b> |           |

\* Subarea Employment from MRCOG 2040 Socioeconomic Forecasts

Uses Central

**Upper Petro - Employment Trips  
Employees by Subarea**

| Subarea      | Population*<br>2016 | Distance (mi) | Population /<br>Distance | % Emp. /<br>Dist | I-40 to/from east |            |               | I-40 to/from west |            |              | Atrisco Vista to/from north |            |              |
|--------------|---------------------|---------------|--------------------------|------------------|-------------------|------------|---------------|-------------------|------------|--------------|-----------------------------|------------|--------------|
|              |                     |               |                          |                  | % Utililizing     | Employees/ | Employees     | % Utililizing     | Employees/ | Employees    | % Utililizing               | Employees/ | Employees    |
| 1            | 44,753              | 16.1          | 2,775                    | 3.15%            |                   |            |               |                   |            |              | 60%                         | 1.89%      | 26,852       |
| 2            | 55,060              | 11.7          | 4,711                    | 5.35%            |                   |            |               |                   |            |              | 60%                         | 3.21%      | 33,036       |
| 3            | 7,709               | 14.6          | 528                      | 0.60%            | 40%               | 0.24%      | 3,084         |                   |            |              |                             |            |              |
| 4            | 13,817              | 22.9          | 603                      | 0.69%            | 100%              | 0.69%      | 13,817        |                   |            |              |                             |            |              |
| 5            | 59,541              | 10.1          | 5,910                    | 6.71%            |                   |            |               |                   |            |              | 40%                         | 2.69%      | 23,816       |
| 6            | 7,380               | 1.5           | 4,778                    | 5.43%            |                   |            |               |                   |            |              | 10%                         | 0.54%      | 738          |
| 7            | 59,485              | 4.9           | 12,124                   | 13.77%           | 20%               | 2.75%      | 11,897        |                   |            |              |                             |            |              |
| 8            | 31,699              | 4.3           | 7,406                    | 8.41%            | 15%               | 1.26%      | 4,755         | 5%                | 0.42%      | 1,585        |                             |            |              |
| 9            | 1,534               | 15.0          | 102                      | 0.12%            |                   |            |               | 100%              | 0.12%      | 1,534        |                             |            |              |
| 10           | 64,323              | 6.3           | 10,292                   | 11.69%           |                   |            |               |                   |            |              |                             |            |              |
| 11           | 33,210              | 8.7           | 3,817                    | 4.34%            | 10%               | 0.43%      | 3,321         |                   |            |              |                             |            |              |
| 12           | 15,936              | 11.1          | 1,430                    | 1.62%            | 50%               | 0.81%      | 7,968         |                   |            |              |                             |            |              |
| 13           | 9,888               | 12.7          | 782                      | 0.89%            | 90%               | 0.80%      | 8,899         |                   |            |              |                             |            |              |
| 14           | 100,318             | 17.4          | 5,753                    | 6.54%            | 100%              | 6.54%      | 100,318       |                   |            |              |                             |            |              |
| 15           | 24,829              | 8.9           | 2,800                    | 3.18%            | 90%               | 2.86%      | 22,346        |                   |            |              |                             |            |              |
| 16           | 107,114             | 14.2          | 7,538                    | 8.56%            | 90%               | 7.71%      | 96,403        |                   |            |              |                             |            |              |
| 17           | 21,499              | 8.0           | 2,676                    | 3.04%            | 70%               | 2.13%      | 15,049        |                   |            |              |                             |            |              |
| 18           | 44,016              | 10.9          | 4,034                    | 4.58%            | 75%               | 3.44%      | 33,012        |                   |            |              |                             |            |              |
| 19           | 66,483              | 16.4          | 4,058                    | 4.61%            | 100%              | 4.61%      | 66,483        |                   |            |              |                             |            |              |
| 20           | 9,636               | 9.8           | 984                      | 1.12%            |                   |            |               |                   |            |              |                             |            |              |
| 21           | 559                 | 12.8          | 44                       | 0.05%            |                   |            |               |                   |            |              |                             |            |              |
| 22           | 3,511               | 15.4          | 228                      | 0.26%            | 75%               | 0.19%      | 2,633         |                   |            |              |                             |            |              |
| 23           | 19,163              | 27.7          | 692                      | 0.79%            | 100%              | 0.79%      | 19,163        |                   |            |              |                             |            |              |
| 24           | 2,531               | 12.7          | 200                      | 0.23%            | 40%               | 0.09%      | 1,012         |                   |            |              |                             |            |              |
| 25           | 863                 | 21.0          | 41                       | 0.05%            | 40%               | 0.02%      | 345           |                   |            |              |                             |            |              |
| 26           | 75,621              | 27.2          | 2,779                    | 3.16%            | 50%               | 1.58%      | 37,811        |                   |            |              |                             |            |              |
| 27           | 19,926              | 43.8          | 455                      | 0.52%            | 80%               | 0.41%      | 15,941        |                   |            |              |                             |            |              |
| 28           | 15,584              | 60.6          | 257                      | 0.29%            | 90%               | 0.26%      | 14,026        |                   |            |              |                             |            |              |
| 29           | 10,397              | 46.9          | 222                      | 0.25%            | 100%              | 0.25%      | 10,397        |                   |            |              |                             |            |              |
| <b>Total</b> | <b>926,385</b>      | <b>44.5</b>   | <b>88,015</b>            | <b>100.00%</b>   |                   |            | <b>37.87%</b> |                   |            | <b>0.54%</b> |                             |            | <b>8.33%</b> |

\* Subarea Employment from MRCOG 2040 Socioeconomic Forecasts

**Upper Petro - Employment Trips  
Employees by Subarea**

| Subarea      | Population*<br>2016 | Distance (mi) | Population /<br>Distance | % Emp. /<br>Dist | Atrisco Vista to/from south<br>% |              |           | Central to/from east<br>% |              |           | 118th to/from south<br>% |              |           |
|--------------|---------------------|---------------|--------------------------|------------------|----------------------------------|--------------|-----------|---------------------------|--------------|-----------|--------------------------|--------------|-----------|
|              |                     |               |                          |                  | % Utililizing                    | Employees/   | Employees | % Utililizing             | Employees/   | Employees | % Utililizing            | Employees/   | Employees |
| 1            | 44,753              | 16.1          | 2,775                    | 3.15%            |                                  |              |           |                           |              |           |                          |              |           |
| 2            | 55,060              | 11.7          | 4,711                    | 5.35%            |                                  |              |           |                           |              |           |                          |              |           |
| 3            | 7,709               | 14.6          | 528                      | 0.60%            |                                  |              |           |                           |              |           |                          |              |           |
| 4            | 13,817              | 22.9          | 603                      | 0.69%            |                                  |              |           |                           |              |           |                          |              |           |
| 5            | 59,541              | 10.1          | 5,910                    | 6.71%            |                                  |              |           |                           |              |           |                          |              |           |
| 6            | 7,380               | 1.5           | 4,778                    | 5.43%            | 60%                              | 3.26%        | 4,428     |                           |              |           |                          |              |           |
| 7            | 59,485              | 4.9           | 12,124                   | 13.77%           |                                  |              |           |                           |              |           |                          |              |           |
| 8            | 31,699              | 4.3           | 7,406                    | 8.41%            |                                  |              |           | 15%                       | 1.26%        | 4,755     |                          |              |           |
| 9            | 1,534               | 15.0          | 102                      | 0.12%            |                                  |              |           |                           |              |           |                          |              |           |
| 10           | 64,323              | 6.3           | 10,292                   | 11.69%           | 20%                              | 2.34%        | 12,865    |                           |              |           |                          |              |           |
| 11           | 33,210              | 8.7           | 3,817                    | 4.34%            |                                  |              |           | 10%                       | 0.43%        | 3,321     |                          |              |           |
| 12           | 15,936              | 11.1          | 1,430                    | 1.62%            |                                  |              |           |                           |              |           |                          |              |           |
| 13           | 9,888               | 12.7          | 782                      | 0.89%            |                                  |              |           |                           |              |           |                          |              |           |
| 14           | 100,318             | 17.4          | 5,753                    | 6.54%            |                                  |              |           |                           |              |           |                          |              |           |
| 15           | 24,829              | 8.9           | 2,800                    | 3.18%            |                                  |              |           |                           |              |           |                          |              |           |
| 16           | 107,114             | 14.2          | 7,538                    | 8.56%            |                                  |              |           |                           |              |           |                          |              |           |
| 17           | 21,499              | 8.0           | 2,676                    | 3.04%            |                                  |              |           | 30%                       | 0.91%        | 6,450     |                          |              |           |
| 18           | 44,016              | 10.9          | 4,034                    | 4.58%            |                                  |              |           | 25%                       | 1.15%        | 11,004    |                          |              |           |
| 19           | 66,483              | 16.4          | 4,058                    | 4.61%            |                                  |              |           |                           |              |           |                          |              |           |
| 20           | 9,636               | 9.8           | 984                      | 1.12%            |                                  |              |           | 40%                       | 0.45%        | 3,854     |                          |              |           |
| 21           | 559                 | 12.8          | 44                       | 0.05%            |                                  |              |           | 30%                       | 0.01%        | 168       |                          |              |           |
| 22           | 3,511               | 15.4          | 228                      | 0.26%            |                                  |              |           | 10%                       | 0.03%        | 351       |                          |              |           |
| 23           | 19,163              | 27.7          | 692                      | 0.79%            |                                  |              |           |                           |              |           |                          |              |           |
| 24           | 2,531               | 12.7          | 200                      | 0.23%            |                                  |              |           | 30%                       | 0.07%        | 759       |                          |              |           |
| 25           | 863                 | 21.0          | 41                       | 0.05%            |                                  |              |           | 30%                       | 0.01%        | 259       |                          |              |           |
| 26           | 75,621              | 27.2          | 2,779                    | 3.16%            |                                  |              |           |                           |              |           |                          |              |           |
| 27           | 19,926              | 43.8          | 455                      | 0.52%            |                                  |              |           |                           |              |           |                          |              |           |
| 28           | 15,584              | 60.6          | 257                      | 0.29%            |                                  |              |           |                           |              |           |                          |              |           |
| 29           | 10,397              | 46.9          | 222                      | 0.25%            |                                  |              |           |                           |              |           |                          |              |           |
| <b>Total</b> | <b>926,385</b>      | <b>44.5</b>   | <b>88,015</b>            | <b>100.00%</b>   |                                  | <b>5.60%</b> |           |                           | <b>4.32%</b> |           |                          | <b>0.00%</b> |           |

\* Subarea Employment from MRCOG 2040 Socioeconomic Forecasts

118th to be added in future phases

**Upper Petro - Residential Trips  
Employees by Subarea**

| Subarea      | Employees*<br>2016 | Distance (mi) | Employees /<br>Distance | % Emp. /<br>Dist | Tierra Pintada to/from north |              |           | Arroyo Vista/98th to/from south |              |           | Ladera to/from east |              |           |
|--------------|--------------------|---------------|-------------------------|------------------|------------------------------|--------------|-----------|---------------------------------|--------------|-----------|---------------------|--------------|-----------|
|              |                    |               |                         |                  | % Utililizing                | Employees/   | Employees | % Utililizing                   | Employees/   | Employees | % Utililizing       | Employees/   | Employees |
| 1            | 8,373              | 15.7          | 533                     | 1.39%            | 20%                          | 0.28%        | 1,675     |                                 |              |           | 20%                 | 0%           | 1,675     |
| 2            | 16,177             | 11.0          | 1,476                   | 3.84%            | 20%                          | 0.77%        | 3,235     |                                 |              |           | 20%                 | 1%           | 3,235     |
| 3            | 1,579              | 13.8          | 115                     | 0.30%            | 20%                          | 0.06%        | 316       |                                 |              |           | 40%                 | 0%           | 632       |
| 4            | 3,725              | 22.0          | 169                     | 0.44%            |                              |              |           |                                 |              |           |                     |              |           |
| 5            | 14,923             | 9.2           | 1,614                   | 4.20%            | 20%                          | 0.84%        | 2,985     |                                 |              |           | 40%                 | 2%           | 5,969     |
| 6            | 2,051              | 2.4           | 867                     | 2.25%            | 10%                          | 0.23%        | 205       | 20%                             | 0.45%        | 410       |                     |              |           |
| 7            | 9,234              | 4.1           | 2,275                   | 5.91%            | 40%                          | 2.37%        | 3,694     |                                 |              |           | 40%                 | 2%           | 3,694     |
| 8            | 9,101              | 3.7           | 2,472                   | 6.43%            |                              |              |           | 50%                             | 3.21%        | 4,551     | 15%                 | 1%           | 1,365     |
| 9            | 671                | 15.8          | 42                      | 0.11%            |                              |              |           |                                 |              |           |                     |              |           |
| 10           | 3,409              | 6.4           | 532                     | 1.38%            |                              |              |           | 80%                             | 1.11%        | 2,727     |                     |              |           |
| 11           | 5,699              | 8.5           | 668                     | 1.74%            |                              |              |           | 70%                             | 1.22%        | 3,989     | 10%                 | 0%           | 570       |
| 12           | 6,287              | 10.3          | 611                     | 1.59%            | 10%                          | 0.16%        | 629       |                                 |              |           | 40%                 | 1%           | 2,515     |
| 13           | 38,387             | 11.8          | 3,253                   | 8.46%            |                              |              |           |                                 |              |           | 10%                 | 1%           | 3,839     |
| 14           | 37,516             | 16.6          | 2,258                   | 5.87%            |                              |              |           |                                 |              |           |                     |              |           |
| 15           | 17,358             | 8.1           | 2,153                   | 5.60%            |                              |              |           |                                 |              |           | 10%                 | 1%           | 1,736     |
| 16           | 54,135             | 13.5          | 4,013                   | 10.43%           |                              |              |           |                                 |              |           | 10%                 | 1%           | 5,414     |
| 17           | 39,647             | 7.4           | 5,388                   | 14.01%           |                              |              |           |                                 |              |           |                     |              |           |
| 18           | 47,403             | 10.3          | 4,599                   | 11.96%           |                              |              |           |                                 |              |           |                     |              |           |
| 19           | 26,057             | 15.7          | 1,655                   | 4.30%            |                              |              |           |                                 |              |           |                     |              |           |
| 20           | 5,978              | 9.5           | 627                     | 1.63%            |                              |              |           | 60%                             | 0.98%        | 3,587     |                     |              |           |
| 21           | 1,755              | 12.5          | 141                     | 0.37%            |                              |              |           | 70%                             | 0.26%        | 1,229     |                     |              |           |
| 22           | 28,349             | 14.9          | 1,900                   | 4.94%            |                              |              |           | 15%                             | 0.74%        | 4,252     |                     |              |           |
| 23           | 2,923              | 27.1          | 108                     | 0.28%            |                              |              |           |                                 |              |           |                     |              |           |
| 24           | 1,271              | 13.0          | 98                      | 0.25%            |                              |              |           | 30%                             | 0.08%        | 381       |                     |              |           |
| 25           | 112                | 21.0          | 5                       | 0.01%            |                              |              |           | 30%                             | 0.00%        | 34        |                     |              |           |
| 26           | 18,011             | 27.7          | 650                     | 1.69%            |                              |              |           | 50%                             | 0.84%        | 9,006     |                     |              |           |
| 27           | 5,846              | 43.5          | 134                     | 0.35%            | 10%                          | 0.03%        | 585       |                                 |              |           | 10%                 | 0%           | 585       |
| 28           | 4,322              | 60.2          | 72                      | 0.19%            |                              |              |           | 10%                             | 0.02%        | 432       |                     |              |           |
| 29           | 1,784              | 46.1          | 39                      | 0.10%            |                              |              |           |                                 |              |           |                     |              |           |
| <b>Total</b> | <b>412,083</b>     | <b>44.5</b>   | <b>38,466</b>           | <b>100.00%</b>   |                              | <b>4.73%</b> |           |                                 | <b>8.90%</b> |           |                     | <b>9.46%</b> |           |

\* Subarea Employment from MRCOG 2040 Socioeconomic Forecasts

**Upper Petro - Residential Trips  
Employees by Subarea**

| Subarea      | Employees*<br>2016 | Distance (mi) | Employees /<br>Distance | % Emp. /<br>Dist | I-40 to/from east<br>% |            |               | I-40 to/from west<br>% |            |              | Atrisco Vista to/from north<br>% |              |           |
|--------------|--------------------|---------------|-------------------------|------------------|------------------------|------------|---------------|------------------------|------------|--------------|----------------------------------|--------------|-----------|
|              |                    |               |                         |                  | % Utililizing          | Employees/ | Employees     | % Utililizing          | Employees/ | Employees    | % Utililizing                    | Employees/   | Employees |
| 1            | 8,373              | 15.7          | 533                     | 1.39%            |                        |            |               |                        |            |              | 60%                              | 0.83%        | 5,024     |
| 2            | 16,177             | 11.0          | 1,476                   | 3.84%            |                        |            |               |                        |            |              | 60%                              | 2.30%        | 9,706     |
| 3            | 1,579              | 13.8          | 115                     | 0.30%            | 40%                    | 0.12%      | 632           |                        |            |              |                                  |              |           |
| 4            | 3,725              | 22.0          | 169                     | 0.44%            | 100%                   | 0.44%      | 3,725         |                        |            |              |                                  |              |           |
| 5            | 14,923             | 9.2           | 1,614                   | 4.20%            |                        |            |               |                        |            |              | 40%                              | 1.68%        | 5,969     |
| 6            | 2,051              | 2.4           | 867                     | 2.25%            |                        |            |               |                        |            |              | 10%                              | 0.23%        | 205       |
| 7            | 9,234              | 4.1           | 2,275                   | 5.91%            | 20%                    | 1.18%      | 1,847         |                        |            |              |                                  |              |           |
| 8            | 9,101              | 3.7           | 2,472                   | 6.43%            | 15%                    | 0.96%      | 1,365         | 5%                     | 0.32%      | 455          |                                  |              |           |
| 9            | 671                | 15.8          | 42                      | 0.11%            |                        |            |               | 100%                   | 0.11%      | 671          |                                  |              |           |
| 10           | 3,409              | 6.4           | 532                     | 1.38%            |                        |            |               |                        |            |              |                                  |              |           |
| 11           | 5,699              | 8.5           | 668                     | 1.74%            | 10%                    | 0.17%      | 570           |                        |            |              |                                  |              |           |
| 12           | 6,287              | 10.3          | 611                     | 1.59%            | 50%                    | 0.79%      | 3,144         |                        |            |              |                                  |              |           |
| 13           | 38,387             | 11.8          | 3,253                   | 8.46%            | 90%                    | 7.61%      | 34,548        |                        |            |              |                                  |              |           |
| 14           | 37,516             | 16.6          | 2,258                   | 5.87%            | 100%                   | 5.87%      | 37,516        |                        |            |              |                                  |              |           |
| 15           | 17,358             | 8.1           | 2,153                   | 5.60%            | 90%                    | 5.04%      | 15,622        |                        |            |              |                                  |              |           |
| 16           | 54,135             | 13.5          | 4,013                   | 10.43%           | 90%                    | 9.39%      | 48,722        |                        |            |              |                                  |              |           |
| 17           | 39,647             | 7.4           | 5,388                   | 14.01%           | 70%                    | 9.81%      | 27,753        |                        |            |              |                                  |              |           |
| 18           | 47,403             | 10.3          | 4,599                   | 11.96%           | 75%                    | 8.97%      | 35,552        |                        |            |              |                                  |              |           |
| 19           | 26,057             | 15.7          | 1,655                   | 4.30%            | 100%                   | 4.30%      | 26,057        |                        |            |              |                                  |              |           |
| 20           | 5,978              | 9.5           | 627                     | 1.63%            |                        |            |               |                        |            |              |                                  |              |           |
| 21           | 1,755              | 12.5          | 141                     | 0.37%            |                        |            |               |                        |            |              |                                  |              |           |
| 22           | 28,349             | 14.9          | 1,900                   | 4.94%            | 75%                    | 3.70%      | 21,262        |                        |            |              |                                  |              |           |
| 23           | 2,923              | 27.1          | 108                     | 0.28%            | 100%                   | 0.28%      | 2,923         |                        |            |              |                                  |              |           |
| 24           | 1,271              | 13.0          | 98                      | 0.25%            | 40%                    | 0.10%      | 508           |                        |            |              |                                  |              |           |
| 25           | 112                | 21.0          | 5                       | 0.01%            | 40%                    | 0.01%      | 45            |                        |            |              |                                  |              |           |
| 26           | 18,011             | 27.7          | 650                     | 1.69%            | 50%                    | 0.84%      | 9,006         |                        |            |              |                                  |              |           |
| 27           | 5,846              | 43.5          | 134                     | 0.35%            | 80%                    | 0.28%      | 4,677         |                        |            |              |                                  |              |           |
| 28           | 4,322              | 60.2          | 72                      | 0.19%            | 90%                    | 0.17%      | 3,890         |                        |            |              |                                  |              |           |
| 29           | 1,784              | 46.1          | 39                      | 0.10%            | 100%                   | 0.10%      | 1,784         |                        |            |              |                                  |              |           |
| <b>Total</b> | <b>412,083</b>     | <b>44.5</b>   | <b>38,466</b>           | <b>100.00%</b>   |                        |            | <b>60.14%</b> |                        |            | <b>0.43%</b> |                                  | <b>5.04%</b> |           |

\* Subarea Employment from MRCOG 2040 Socioeconomic Forecasts

**Upper Petro - Residential Trips  
Employees by Subarea**

| Subarea      | Employees*<br>2016 | Distance (mi) | Employees /<br>Distance | % Emp. /<br>Dist | Atrisco Vista to/from south<br>% |            |              | Central to/from east<br>% |            |              | 118th to/from south<br>% |            |              |
|--------------|--------------------|---------------|-------------------------|------------------|----------------------------------|------------|--------------|---------------------------|------------|--------------|--------------------------|------------|--------------|
|              |                    |               |                         |                  | % Utililizing                    | Employees/ | Employees    | % Utililizing             | Employees/ | Employees    | % Utililizing            | Employees/ | Employees    |
| 1            | 8,373              | 15.7          | 533                     | 1.39%            |                                  |            |              |                           |            |              |                          |            |              |
| 2            | 16,177             | 11.0          | 1,476                   | 3.84%            |                                  |            |              |                           |            |              |                          |            |              |
| 3            | 1,579              | 13.8          | 115                     | 0.30%            |                                  |            |              |                           |            |              |                          |            |              |
| 4            | 3,725              | 22.0          | 169                     | 0.44%            |                                  |            |              |                           |            |              |                          |            |              |
| 5            | 14,923             | 9.2           | 1,614                   | 4.20%            |                                  |            |              |                           |            |              |                          |            |              |
| 6            | 2,051              | 2.4           | 867                     | 2.25%            | 60%                              | 1.35%      | 1,231        |                           |            |              |                          |            |              |
| 7            | 9,234              | 4.1           | 2,275                   | 5.91%            |                                  |            |              |                           |            |              |                          |            |              |
| 8            | 9,101              | 3.7           | 2,472                   | 6.43%            |                                  |            |              | 15%                       | 0.96%      | 1,365        |                          |            |              |
| 9            | 671                | 15.8          | 42                      | 0.11%            |                                  |            |              |                           |            |              |                          |            |              |
| 10           | 3,409              | 6.4           | 532                     | 1.38%            | 20%                              | 0.28%      | 682          |                           |            |              |                          |            |              |
| 11           | 5,699              | 8.5           | 668                     | 1.74%            |                                  |            |              | 10%                       | 0.17%      | 570          |                          |            |              |
| 12           | 6,287              | 10.3          | 611                     | 1.59%            |                                  |            |              |                           |            |              |                          |            |              |
| 13           | 38,387             | 11.8          | 3,253                   | 8.46%            |                                  |            |              |                           |            |              |                          |            |              |
| 14           | 37,516             | 16.6          | 2,258                   | 5.87%            |                                  |            |              |                           |            |              |                          |            |              |
| 15           | 17,358             | 8.1           | 2,153                   | 5.60%            |                                  |            |              |                           |            |              |                          |            |              |
| 16           | 54,135             | 13.5          | 4,013                   | 10.43%           |                                  |            |              |                           |            |              |                          |            |              |
| 17           | 39,647             | 7.4           | 5,388                   | 14.01%           |                                  |            |              | 30%                       | 4.20%      | 11,894       |                          |            |              |
| 18           | 47,403             | 10.3          | 4,599                   | 11.96%           |                                  |            |              | 25%                       | 2.99%      | 11,851       |                          |            |              |
| 19           | 26,057             | 15.7          | 1,655                   | 4.30%            |                                  |            |              |                           |            |              |                          |            |              |
| 20           | 5,978              | 9.5           | 627                     | 1.63%            |                                  |            |              | 40%                       | 0.65%      | 2,391        |                          |            |              |
| 21           | 1,755              | 12.5          | 141                     | 0.37%            |                                  |            |              | 30%                       | 0.11%      | 527          |                          |            |              |
| 22           | 28,349             | 14.9          | 1,900                   | 4.94%            |                                  |            |              | 10%                       | 0.49%      | 2,835        |                          |            |              |
| 23           | 2,923              | 27.1          | 108                     | 0.28%            |                                  |            |              |                           |            |              |                          |            |              |
| 24           | 1,271              | 13.0          | 98                      | 0.25%            |                                  |            |              | 30%                       | 0.08%      | 381          |                          |            |              |
| 25           | 112                | 21.0          | 5                       | 0.01%            |                                  |            |              | 30%                       | 0.00%      | 34           |                          |            |              |
| 26           | 18,011             | 27.7          | 650                     | 1.69%            |                                  |            |              |                           |            |              |                          |            |              |
| 27           | 5,846              | 43.5          | 134                     | 0.35%            |                                  |            |              |                           |            |              |                          |            |              |
| 28           | 4,322              | 60.2          | 72                      | 0.19%            |                                  |            |              |                           |            |              |                          |            |              |
| 29           | 1,784              | 46.1          | 39                      | 0.10%            |                                  |            |              |                           |            |              |                          |            |              |
| <b>Total</b> | <b>412,083</b>     | <b>44.5</b>   | <b>38,466</b>           | <b>100.00%</b>   |                                  |            | <b>1.63%</b> |                           |            | <b>9.66%</b> |                          |            | <b>0.00%</b> |

\* Subarea Employment from MRCOG 2040 Socioeconomic Forecasts

118th to be added in future phases

